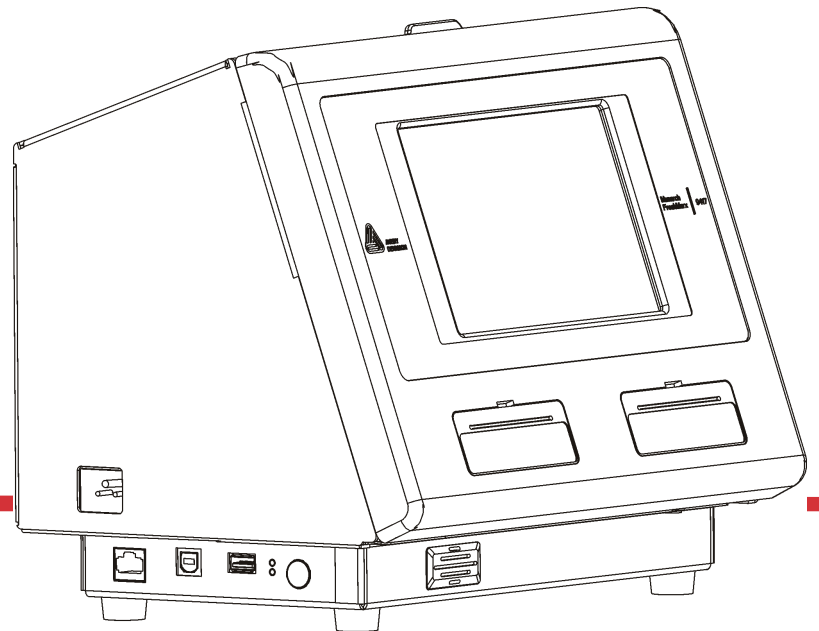


# System Administrator's Guide

Monarch® FreshMarx® 9417 Food Freshness System



Agriculture



Processing



Logistics



Retail/Food Service

TC9417SA Rev. AB  
1/2014



Retail Branding and  
Information Solutions

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### WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### CANADIAN D.O.C. WARNING

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

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Miamisburg, OH 45342



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# INTRODUCTION

Use the Monarch® FreshMarx® 9417 Food Freshness System for product freshness and to label inventory. The printer is available as a single printer (left printer only) or dual printer (left and right printer).

## Using This Manual

Following is a summary of the contents of this manual:

	Chapter	Contents
1	Introduction	Information you should know before using the printer.
2	Setting the Time/Date	Setting the time and date and formatting the time and date.
3	Setting Up the Printer	Adjusting the backlight, setting the print position, changing the password, setting an IP Address, and using a network time server.
4	Using Edit Mode	Making changes to your product menu at the printer.
5	Using the Edit Utility	Creating and editing your product menu by using your PC.
6	Updating the Printer via USB	Updating the printer or application via the USB port/drive.
7	Performing Maintenance	Printing diagnostic labels and other maintenance procedures, such as calibrating the touch screen.
A	Label Formats	Format size and content fields.

**Note:** You may have a custom application that differs slightly from the examples in this manual. The screens and labels shown are for reference only of the dual printer. This manual describes the features available in version 1.2.

## Audience

This manual is for the System Administrator who configures and updates the printer. For information on printing labels and the printer's care and maintenance, refer to the *Operator's Handbook*.

# About the Printer

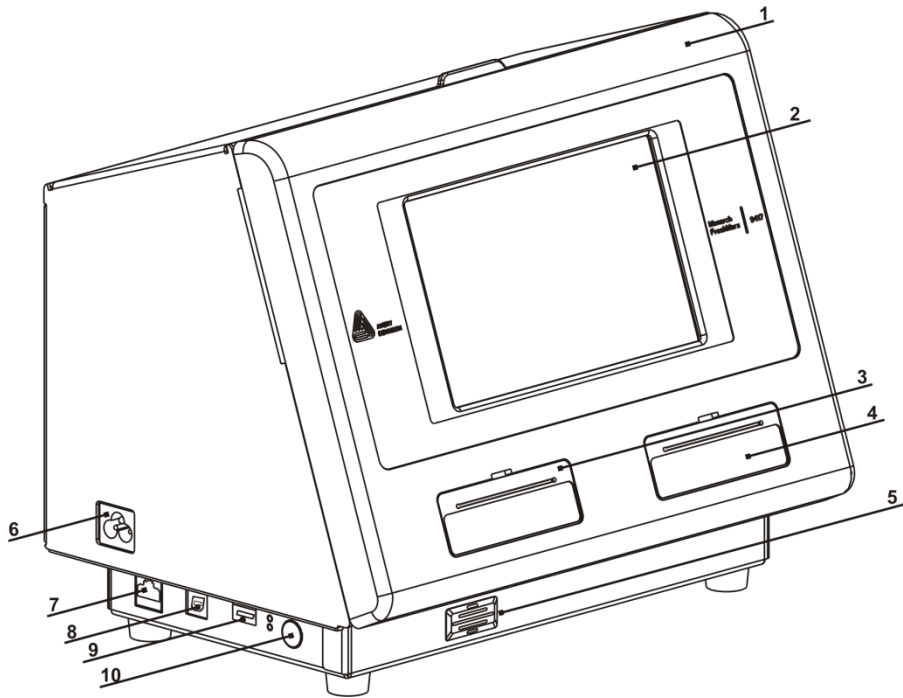
The printer has a touch screen and a built-in FreshMarx application. The printer is available as a single printer (left printer only) or dual printer (left and right printer). You may have a custom application that differs slightly from the examples in this manual. The screens shown are for reference only of the dual printer.

The printer includes eight formats. You can configure the dual printer to print one size supply on the Left printer and a different size supply on the Right printer. For example, load 1.2” wide by 1.1” long labels in the Left printer and 2.2” wide by 3.0” long labels in the Right printer. The Left printer could print Format 1 and Format 8. The Right printer could print Format 5 and Format 7. See Appendix A, “Label Formats” for the size and content of each format.

If your dual printer application only uses one size supply and one format, you could configure the printer to print all formats on the Left printer and use the Right printer as a backup.


**Note:** Load the same size supply in both the Left and Right printers.

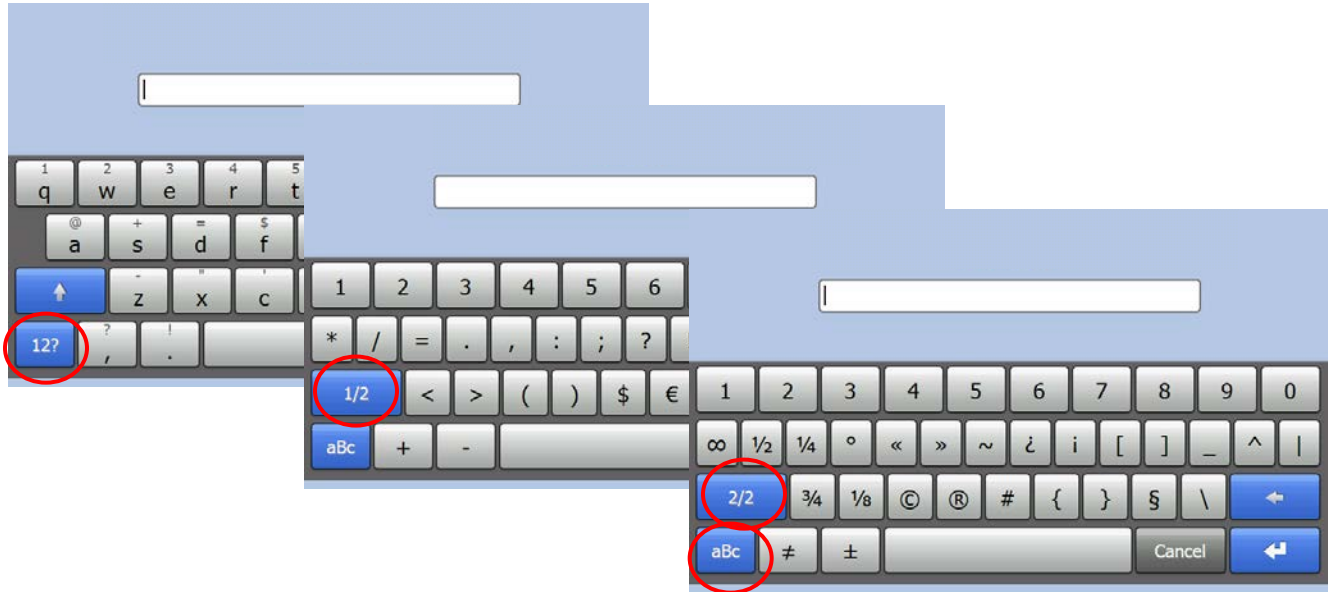
If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format (1-8) and the same printer (left or right). See “Editing Category Buttons” in Chapter 4 for more information.



1	Cover	6	Power Cord Connection
2	Display	7	Ethernet Port
3	Left Printer	8	USB (Type B) Port
4	Right Printer	9	USB (Type A) Port
5	Speaker	10	Power Button

## Using the Keypad

- ◆ The default keypad is lowercase alphabetic. Press the Shift button  to use uppercase alphabetic characters.
- ◆ Press the 12? Button to use numeric characters or symbols. Press the 1/2 Button to see the second page of symbols; press the 2/2 Button to return to the first page of symbols. Press the aBc Button to return to the lowercase alphabetic keypad.



- ◆ Press and hold a key to use symbols and accented characters.







# SETTING THE TIME AND DATE

This chapter tells you how to

- ♦ set the time and date.
- ♦ format the time and date.

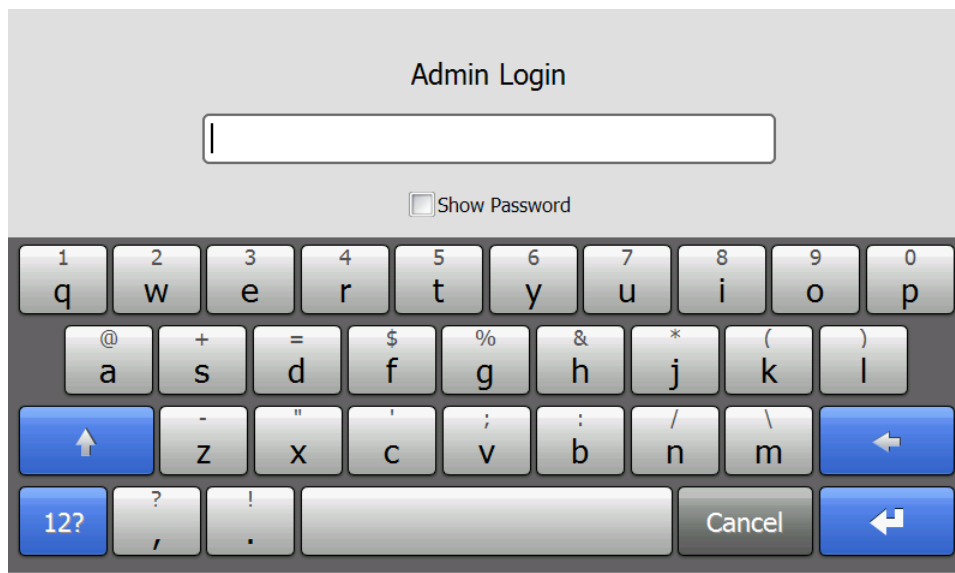
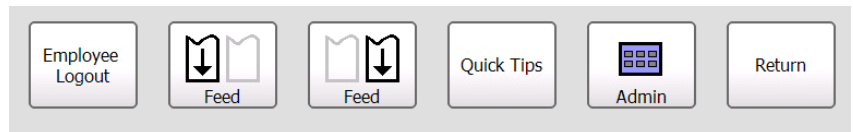
**Note:** You may have a custom application that differs slightly from the examples in this manual. The screens and labels shown are for reference only of the dual printer.

## Adjusting the Time and Date

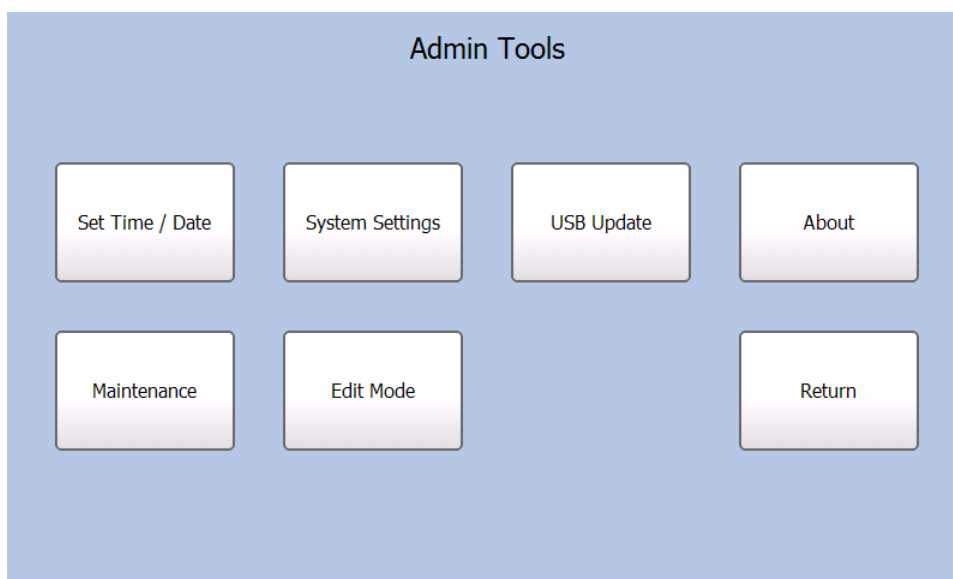
You can set the system time and date, format the time and date, select your time zone, and establish network time.

1. Press the **Tools**  button.

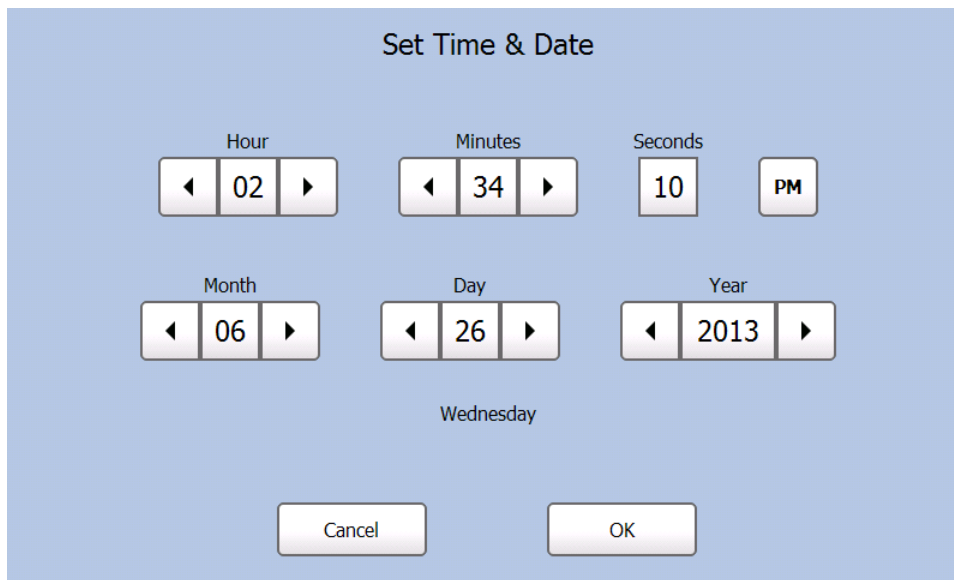
2. Press **Admin**.

The 'Admin Login' screen features a text input field for the password. Below the field is a 'Show Password' checkbox. A virtual keyboard is displayed below the checkbox, with keys for letters, numbers, and symbols. The keyboard includes a '123?' key, a 'Cancel' key, and a return key.

3. Enter the Admin password and press **Enter**. The default password is **1234**.

The 'Admin Tools' screen has a light blue background and contains seven buttons arranged in two rows. The top row includes 'Set Time / Date', 'System Settings', 'USB Update', and 'About'. The bottom row includes 'Maintenance', 'Edit Mode', and 'Return'.

4. Press **Set Time / Date**.



The image shows a 'Set Time & Date' screen with a light blue background. At the top, the title 'Set Time & Date' is centered. Below the title, there are two rows of controls. The first row contains three spinners for 'Hour' (set to 02), 'Minutes' (set to 34), and 'Seconds' (set to 10), followed by a 'PM' button. The second row contains three spinners for 'Month' (set to 06), 'Day' (set to 26), and 'Year' (set to 2013). Below these spinners, the day of the week 'Wednesday' is displayed. At the bottom of the screen, there are two buttons: 'Cancel' on the left and 'OK' on the right.

Use ◀ and ▶ to set the time and date.

Touch **AM/PM** to toggle the setting between AM and PM.

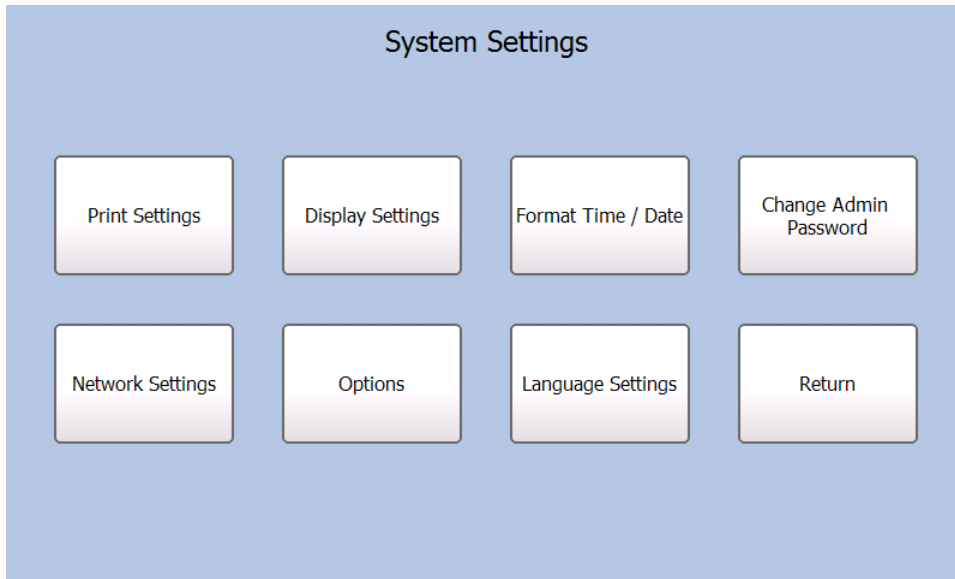
5. Press **OK** when you are finished.

## Formatting the Time and Date

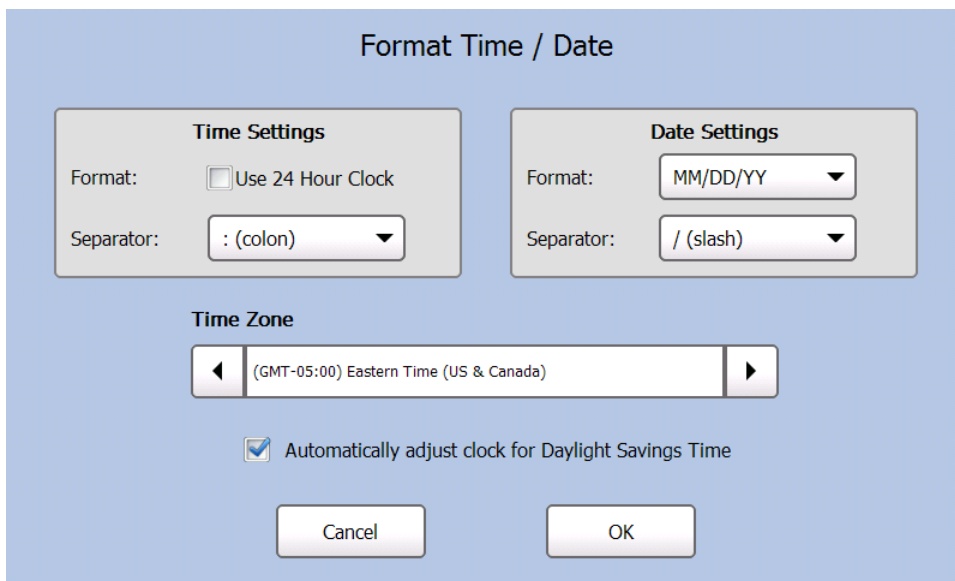
---

To change the way the time/date appears on printed labels:

1. From the *Admin Tools* screen, press **System Settings**.

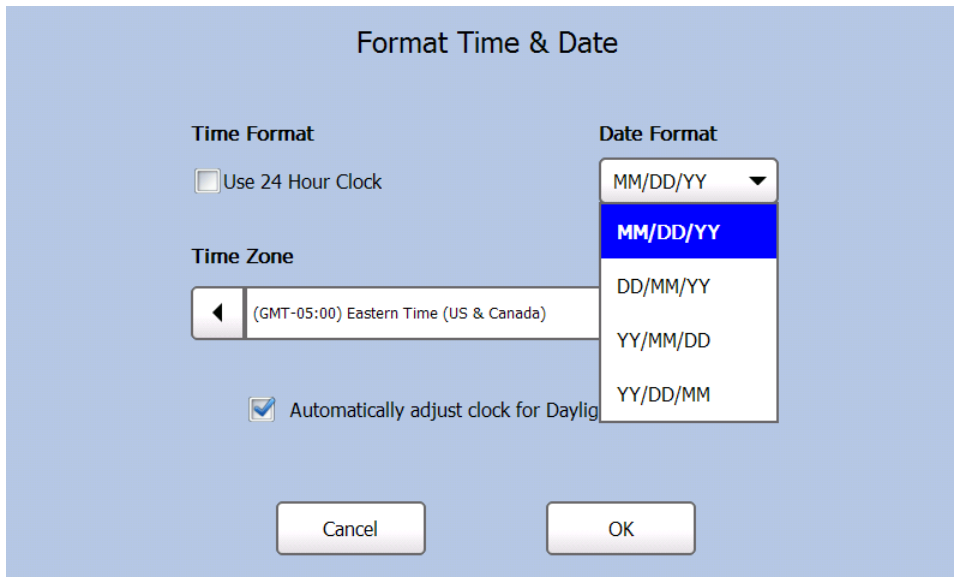


2. Press **Format Time / Date**.



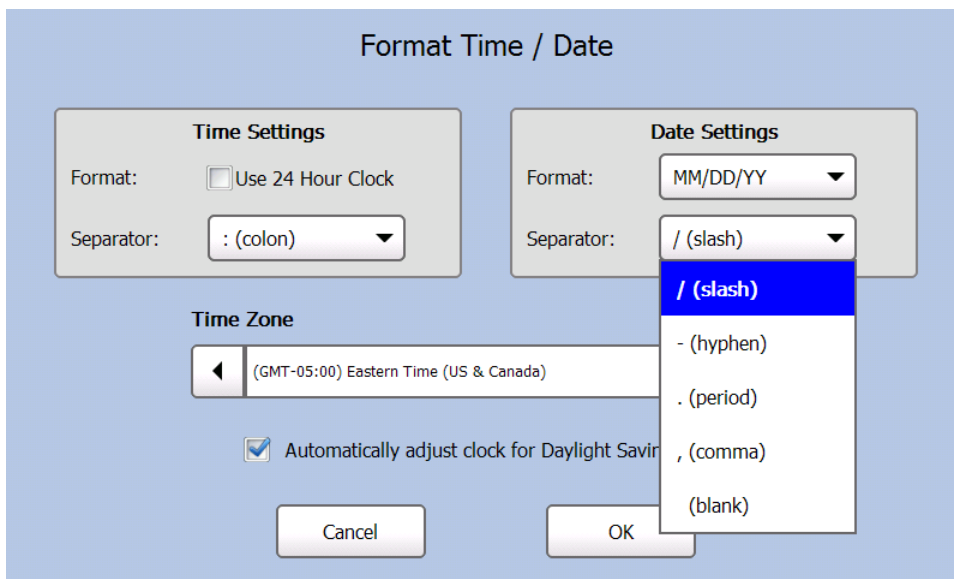
3. Select the checkbox if you want to use a 24-hour clock. For example, 4:00 p.m. would appear as 16:00. Use the drop down menu to select the time separator (colon, period, comma, blank). The time separator is placed between the hour, minute, and seconds.

4. Use the drop down menu to select the date format.



The image shows a dialog box titled "Format Time & Date". It has two main sections: "Time Format" and "Date Format". In the "Time Format" section, there is a checkbox labeled "Use 24 Hour Clock" which is currently unchecked. Below this is a "Time Zone" section with a dropdown menu showing "(GMT-05:00) Eastern Time (US & Canada)". In the "Date Format" section, there is a dropdown menu with the following options: "MM/DD/YY", "MM/DD/YY" (highlighted in blue), "DD/MM/YY", "YY/MM/DD", and "YY/DD/MM". At the bottom of the dialog are "Cancel" and "OK" buttons.

Use the drop down menu to select the date separator (slash, hyphen, period, comma, blank). The date separator is placed between the year, month, and day.



The image shows a dialog box titled "Format Time / Date". It has two main sections: "Time Settings" and "Date Settings". In the "Time Settings" section, there is a "Format:" checkbox labeled "Use 24 Hour Clock" which is currently unchecked, and a "Separator:" dropdown menu showing ": (colon)". In the "Date Settings" section, there is a "Format:" dropdown menu showing "MM/DD/YY" and a "Separator:" dropdown menu showing "/ (slash)". Below these is a "Time Zone" section with a dropdown menu showing "(GMT-05:00) Eastern Time (US & Canada)". In the "Date Settings" section, there is a dropdown menu with the following options: "/ (slash)" (highlighted in blue), "- (hyphen)", ". (period)", ", (comma)", and "(blank)". At the bottom of the dialog are "Cancel" and "OK" buttons.

5. Use the ◀ and ▶ buttons to select your Time Zone.
6. Select the checkbox if you want the printer to automatically adjust the time for Daylight Saving Time.
7. Press **OK** when you are finished.

# SETTING UP THE PRINTER

## 3

This chapter tells you how to

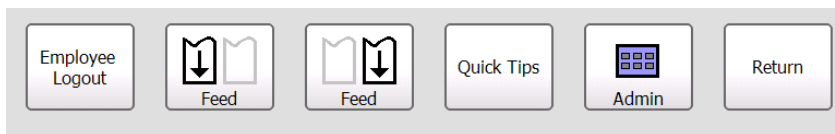
- ♦ adjust where data prints on the label.
- ♦ adjust the backlight.
- ♦ change the Administrator's Password.
- ♦ set the options.
- ♦ adjust the network settings.
- ♦ use a network time server.

**Note:** You may have a custom application that differs slightly from the examples in this manual. The screens and labels shown are for reference only of the dual printer.

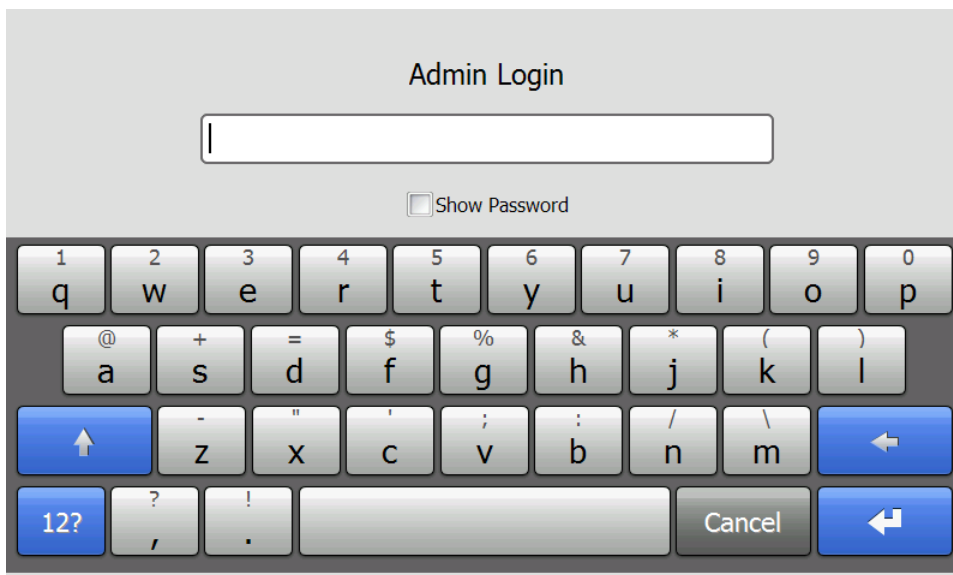
## Adjusting the Print Settings

You can adjust the horizontal (X) and vertical (Y) print position of data on a label and set the print contrast. The Contrast controls the darkness of the printing.

1. Press the **Tools**  button.

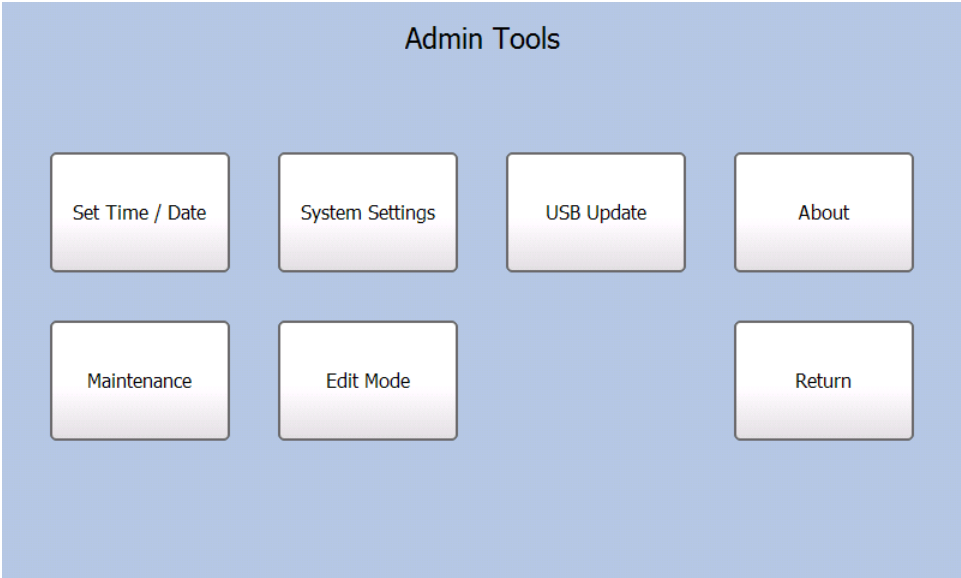


2. Press **Admin**.

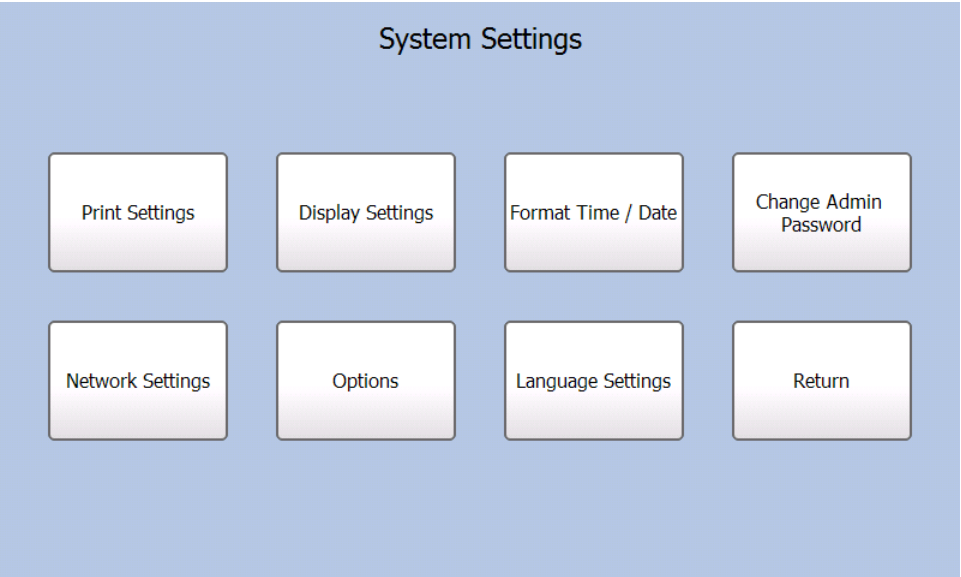


**Note:** Select **Show Password** if you want to see the characters while entering the password.

3. Enter the Admin password and press **Enter**. The default password is **1234**.



4. Press **System Settings**.



5. Press **Print Settings**. Adjust the print settings for the Left and Right Printer:

The image shows a 'Print Settings' dialog box with a light blue background. It is divided into two main sections: 'Left Printer' and 'Right Printer'. Each section contains four rows of controls. The first row is 'X Print Position' with left and right arrow buttons and a central '0' value field. The second row is 'Y Print Position' with up and down arrow buttons and a central '0' value field. The third row is 'Contrast' with minus and plus arrow buttons and a central '0' value field. The fourth row is 'Format' with left and right arrow buttons and a central '1' value field, followed by a 'Test Print' button. At the bottom of the dialog are 'Cancel' and 'OK' buttons.

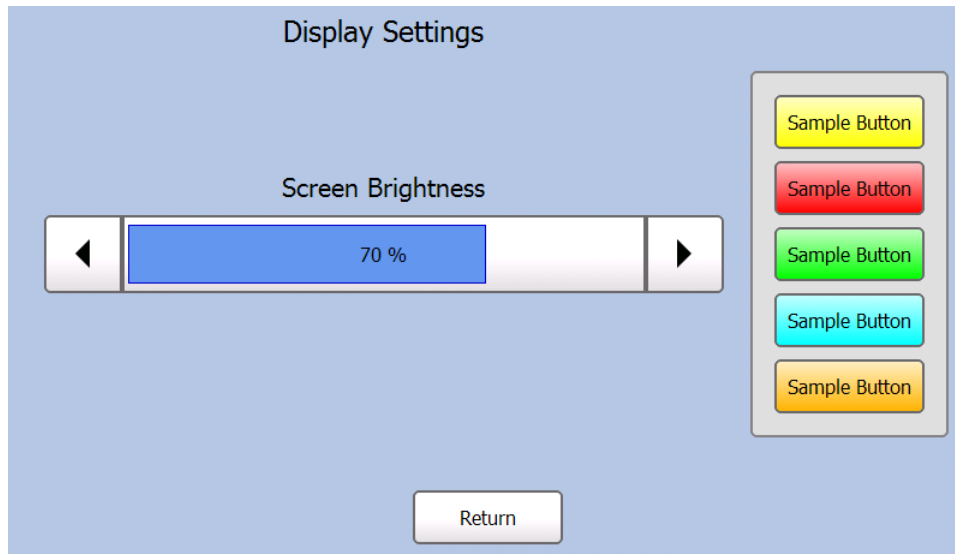
6. Use the ◀ and ▶ buttons to adjust the X Print Position. Increasing the value moves the printed text to the right. Decreasing the value moves the printed text to the left. The range is -100 to 100 and the default is 0.
7. Use the ▼ and ▲ buttons to adjust the Y Print Position. Increasing the value moves the printed text up. Decreasing the value moves the printed text down. The range is -128 to 127 and the default is 0.
8. Use the - and + buttons to adjust the Contrast. Increasing the value makes the print darker. Decreasing the value makes the print lighter. The range is -100 to 100 and the default is 0.
9. Use the ◀ and ▶ buttons to select a format and click **Test Print** to check your print settings. The label prints. Make adjustments if necessary. See Appendix A, “Label Formats” for the size and content of each format.
10. Press **OK** when you are finished.

## Adjusting the Backlight

---

You can adjust the brightness of the screen. The range is 0 to 100 percent.

1. From the *Admin Tools* screen, press **System Settings**.
2. Press **Display Settings**.



3. Use ◀ and ▶ to adjust the screen brightness. The Sample Buttons at the right show how the colors appear at the various brightness settings.
4. Press **Return** when you are finished.

## Changing the Administrator's Password

---

To change the administrator's password:

1. From the *Admin Tools* screen, press **System Settings**.
2. Press **Change Admin Password**.



3. Enter the new password. As you enter the password, the characters are replaced with “\*” in the text. Select **Show Password** if you want the characters to appear in the text box.
4. Press **Enter**. The password has been changed.  
Make a note of your new password. If you forget your password, call Service.

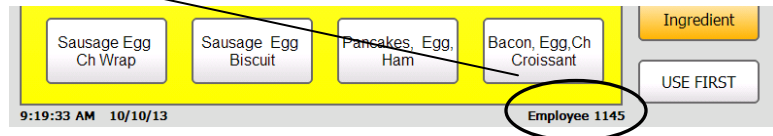


## Setting the Options

The options allow users to enable/disable employee login, recreate an old label, use “end of day” expiration, print “end of day” on labels, or print “use first” labels on the Right printer.

### Enable Employee Login

Prompts users for an employee login. Login must be 2-10 alphanumeric characters. The ID displays on the screen and prints on freshness labels.



**Note:** Once Employee Login is enabled, you see “Enter Employee ID” and must login before continuing.

### Recreate Label

Users may need to reprint a freshness label if a label is torn or missing from a product. The user enters the *original* Use By time and date.

**Note:** An asterisk (\*) prints after the date or time, indicating a reprinted label.

### Use “End of Day” expiration mode

Use for products that expire at the end of each day or in a set number of days from the first use.

Enter product expiration values in multiples of 1 day. For example, 0 day expires today; 1 day expires tomorrow, etc.

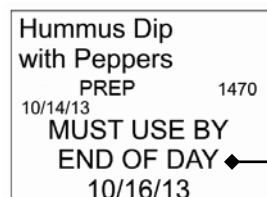
**Note:** If the expiration time contains any hours and/or minutes, the printer uses *normal date/time mode* for that product.

For more information about expiration dates, see the table below.

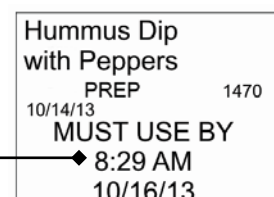
<i><b>End of Day Expiration</b></i>	<b>0 Day Expiration</b>	<b>1 Day Expiration</b>	<b>2 Day Expiration</b>
Current Date: May 1	End of Day 5/1/13	End of Day 5/2/13	End of Day 5/3/13

### Print “End of Day” on Label.

Enables or disables printing the words “End of Day” on the label when using “End of Day” expiration mode. Only the date is printed, not the time.



**End of Day  
Expiration Mode**

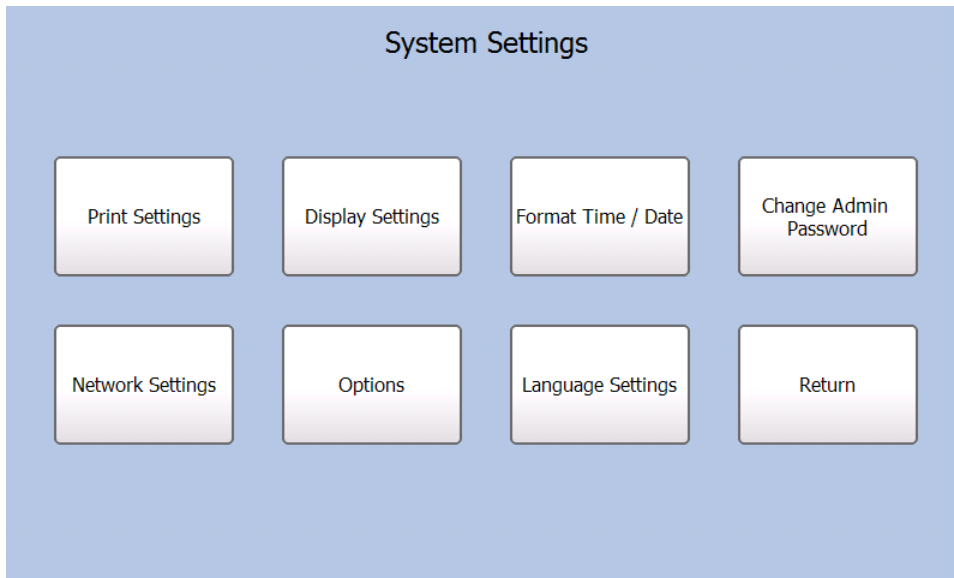


**Normal Expiration  
Mode**

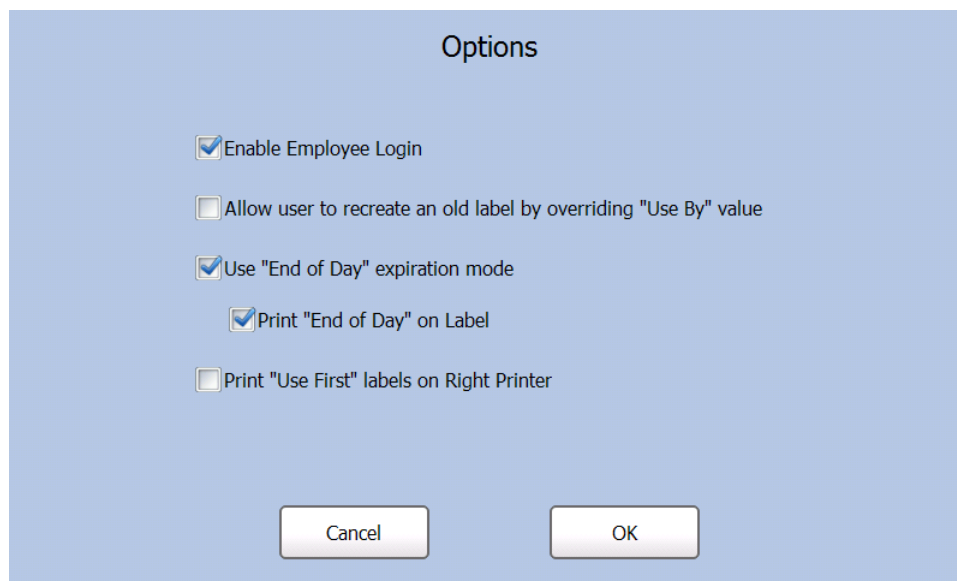
### Print “Use First” labels on the Right printer.

Prints “Use First” labels on the Right printer instead of the Left printer. All “Use First” labels print on the Right printer until this option is disabled.

1. From the *Admin Tools* screen, press **System Settings**.



2. Press **Options**.



3. Select the options you need.
4. Press **OK** when you are finished.

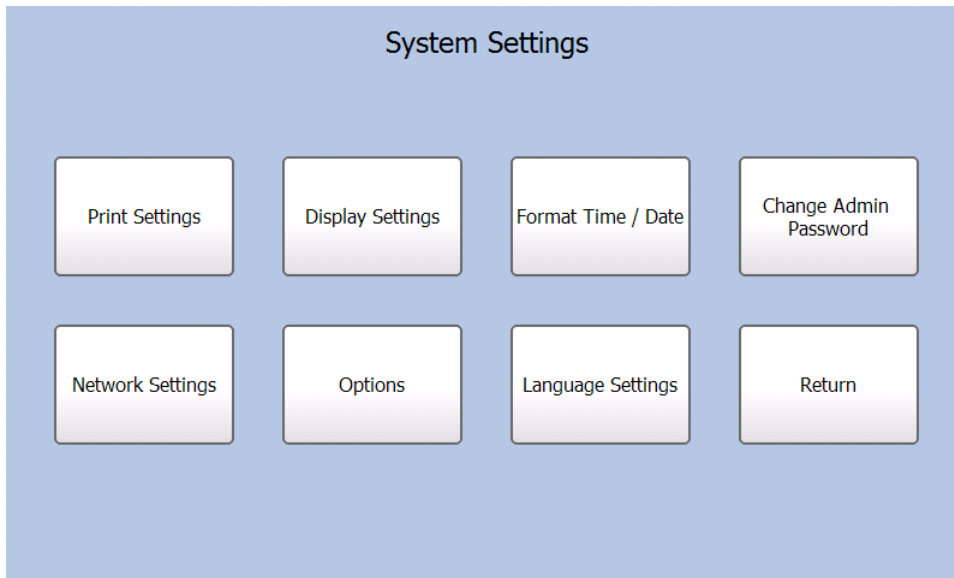
**Note:** Once Employee Login is enabled, you see “Enter Employee ID” and must login before continuing.

## Adjusting the Language Settings

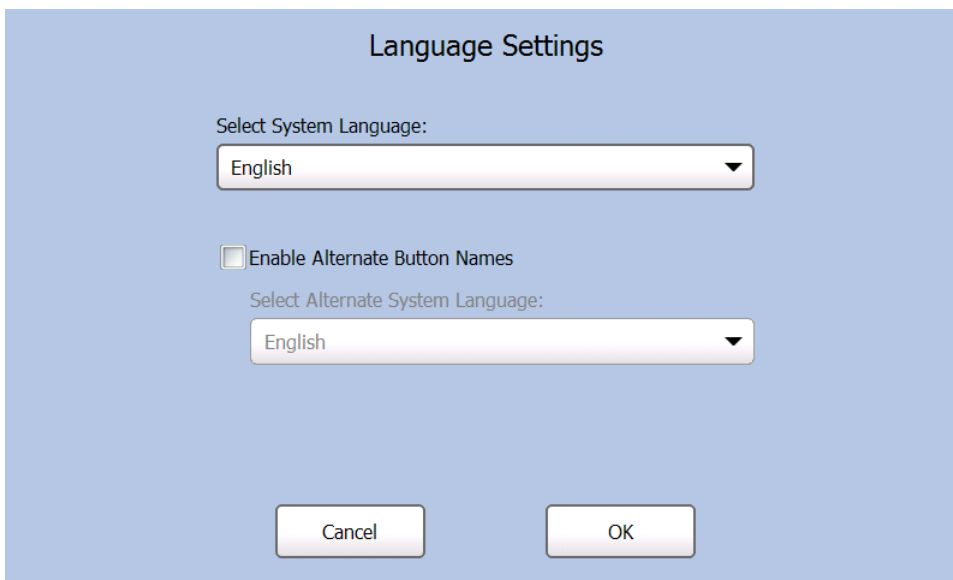
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Use the Language Settings menu to set a primary system language, enable/disable alternate button names, and set an alternate system language.

1. Press the **Tools** button.
2. Press **Admin**.
3. Enter the Admin password and press **Enter**. The default password is 1234.
4. Press **System Settings**.



5. Press **Language Settings**.

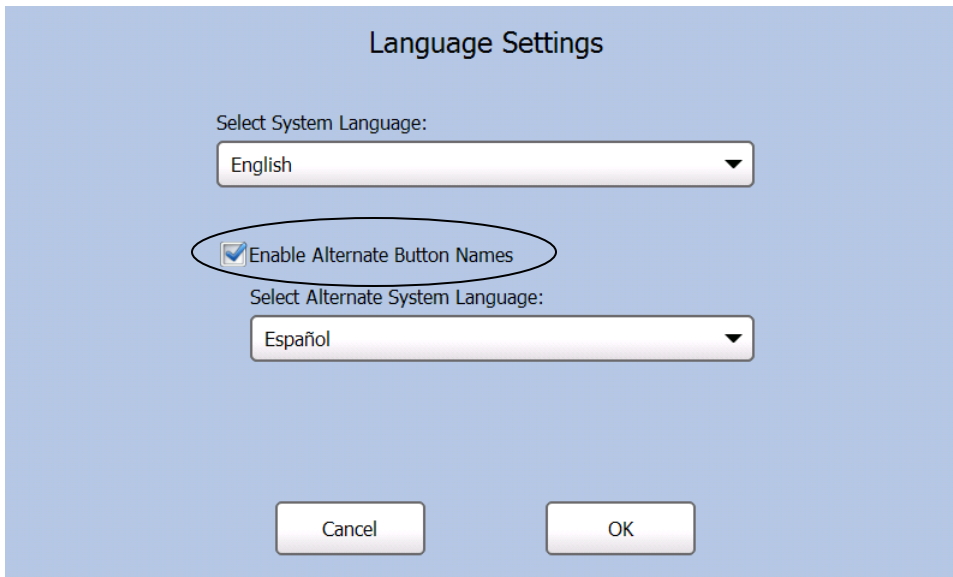


### Selecting a System Language

Use the drop-down menu to select a System Language. The system language is the language you want to use for all printer prompts and buttons.

## Alternate Button Names

When you enable alternate button names, you can enter the product button names in a second language (Alternate System Language). Press the Language Toggle Button to switch between the primary and secondary languages. For more information, see Chapter 4, “Using the Edit Mode” or Chapter 5, “Using the Edit Utility”.



The image shows a 'Language Settings' dialog box. It has a title bar 'Language Settings'. Inside, there is a label 'Select System Language:' followed by a dropdown menu showing 'English'. Below that is a checkbox labeled 'Enable Alternate Button Names' which is checked and circled. Underneath the checkbox is a label 'Select Alternate System Language:' followed by a dropdown menu showing 'Español'. At the bottom are two buttons: 'Cancel' and 'OK'.

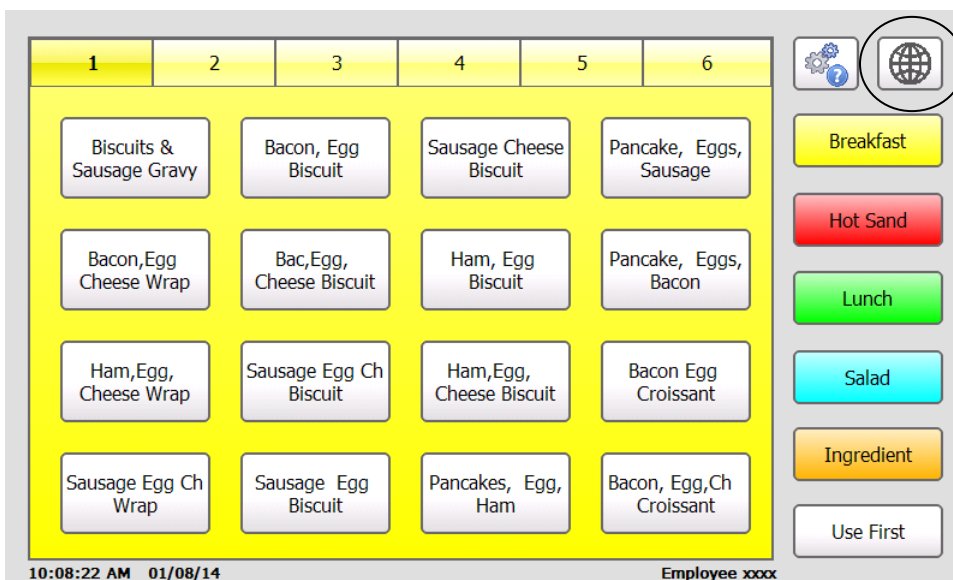
**Note:** You must enter an alternate button name (if enabled) or the button only appears when viewing the primary language.

### *Alternate System Language*

When alternate button names is enabled, use the drop-down menu to select an Alternate System Language. The Alternate System Language is the secondary language in which all printer prompts and buttons appear. Press the Language Toggle Button to switch between the primary and secondary languages.

### *Language Toggle Button*

When alternate button names is enabled, you see a Language Toggle button next to the Tools button. Press the Language Toggle Button to switch between the primary and secondary languages.



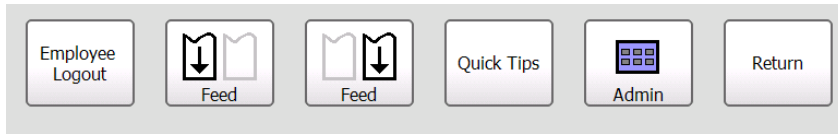
The image shows the main application interface. It features a grid of 16 buttons arranged in 4 rows and 4 columns. The buttons are labeled with food items: 'Biscuits & Sausage Gravy', 'Bacon, Egg Biscuit', 'Sausage Cheese Biscuit', 'Pancake, Eggs, Sausage', 'Bacon, Egg Cheese Wrap', 'Bac, Egg, Cheese Biscuit', 'Ham, Egg Biscuit', 'Pancake, Eggs, Bacon', 'Ham, Egg, Cheese Wrap', 'Sausage Egg Ch Biscuit', 'Ham, Egg, Cheese Biscuit', 'Bacon Egg Croissant', 'Sausage Egg Ch Wrap', 'Sausage Egg Biscuit', 'Pancakes, Egg, Ham', and 'Bacon, Egg, Ch Croissant'. To the right of the grid is a vertical stack of buttons: 'Breakfast' (yellow), 'Hot Sand' (red), 'Lunch' (green), 'Salad' (cyan), 'Ingredient' (orange), and 'Use First' (white). Above the 'Breakfast' button is a 'Tools' button (gear icon) and a 'Language Toggle' button (globe icon, circled). At the bottom left, the time and date are displayed: '10:08:22 AM 01/08/14'. At the bottom right, the user name is displayed: 'Employee xxxx'.

## Adjusting the Network Settings

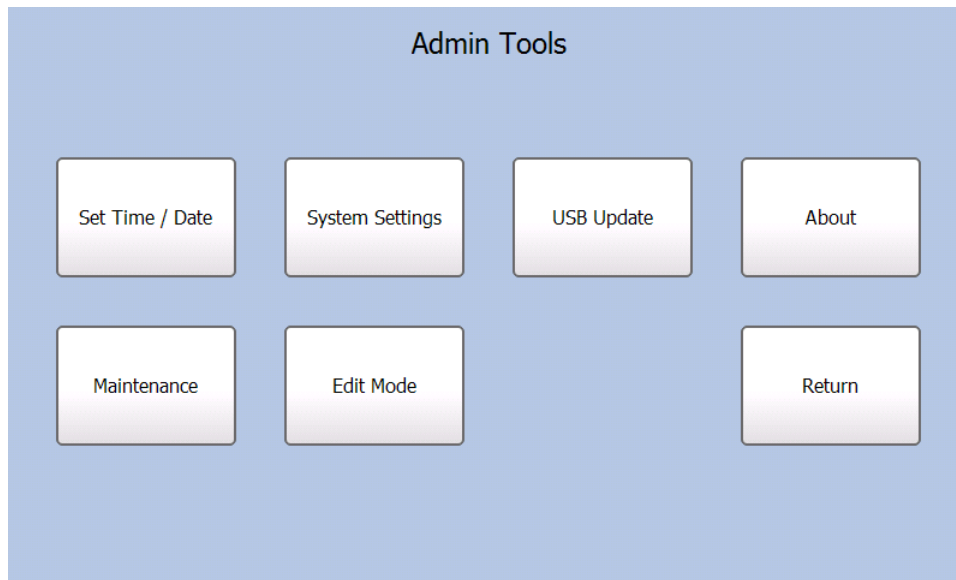
---

Use the Network Settings menu to view the network settings or set an IP Address. The printer's current network settings are displayed.

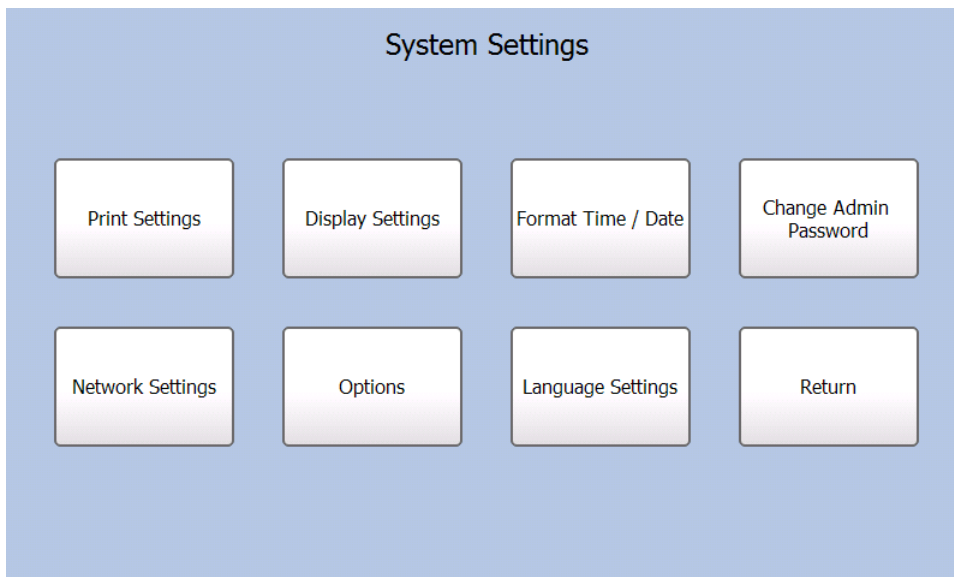
1. Press the **Tools** button.



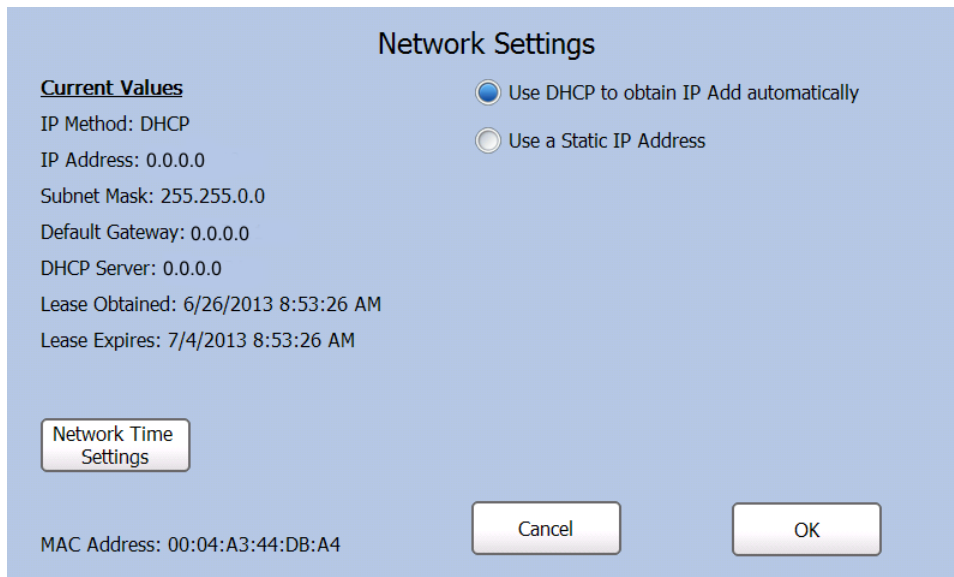
2. Press **Admin**.
3. Enter the Admin password and press **Enter**. The default password is 1234.



4. Press **System Settings**.



5. Press **Network Settings**. The current network settings appear.



The image shows a 'Network Settings' dialog box with a light blue background. At the top, the title 'Network Settings' is centered. Below it, on the left, is a section titled 'Current Values' with a list of network parameters: IP Method: DHCP, IP Address: 0.0.0.0, Subnet Mask: 255.255.0.0, Default Gateway: 0.0.0.0, DHCP Server: 0.0.0.0, Lease Obtained: 6/26/2013 8:53:26 AM, and Lease Expires: 7/4/2013 8:53:26 AM. To the right of this list are two radio button options: 'Use DHCP to obtain IP Add automatically' (which is selected) and 'Use a Static IP Address'. Below the 'Current Values' section is a button labeled 'Network Time Settings'. At the bottom left, the MAC Address is displayed as 00:04:A3:44:DB:A4. At the bottom right are two buttons: 'Cancel' and 'OK'.

**Network Settings**

Current Values

IP Method: DHCP

IP Address: 0.0.0.0

Subnet Mask: 255.255.0.0

Default Gateway: 0.0.0.0

DHCP Server: 0.0.0.0

Lease Obtained: 6/26/2013 8:53:26 AM

Lease Expires: 7/4/2013 8:53:26 AM

☒ Use DHCP to obtain IP Add automatically

☐ Use a Static IP Address

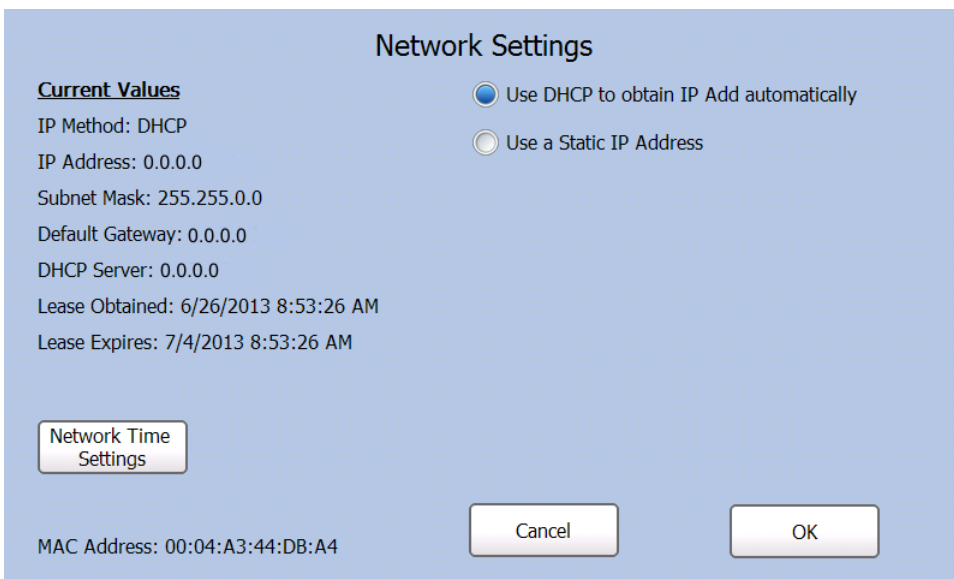
Network Time Settings

MAC Address: 00:04:A3:44:DB:A4

Cancel OK

### To automatically obtain an IP Address:

You can use DHCP to automatically obtain the printer's IP Address.



This image is identical to the one above, showing the 'Network Settings' dialog box. It displays the same 'Current Values' (IP Method: DHCP, IP Address: 0.0.0.0, Subnet Mask: 255.255.0.0, Default Gateway: 0.0.0.0, DHCP Server: 0.0.0.0, Lease Obtained: 6/26/2013 8:53:26 AM, Lease Expires: 7/4/2013 8:53:26 AM), the selected radio button for 'Use DHCP to obtain IP Add automatically', the 'Network Time Settings' button, the MAC Address 00:04:A3:44:DB:A4, and the 'Cancel' and 'OK' buttons.

**Network Settings**

Current Values

IP Method: DHCP

IP Address: 0.0.0.0

Subnet Mask: 255.255.0.0

Default Gateway: 0.0.0.0

DHCP Server: 0.0.0.0

Lease Obtained: 6/26/2013 8:53:26 AM

Lease Expires: 7/4/2013 8:53:26 AM

☒ Use DHCP to obtain IP Add automatically

☐ Use a Static IP Address

Network Time Settings

MAC Address: 00:04:A3:44:DB:A4

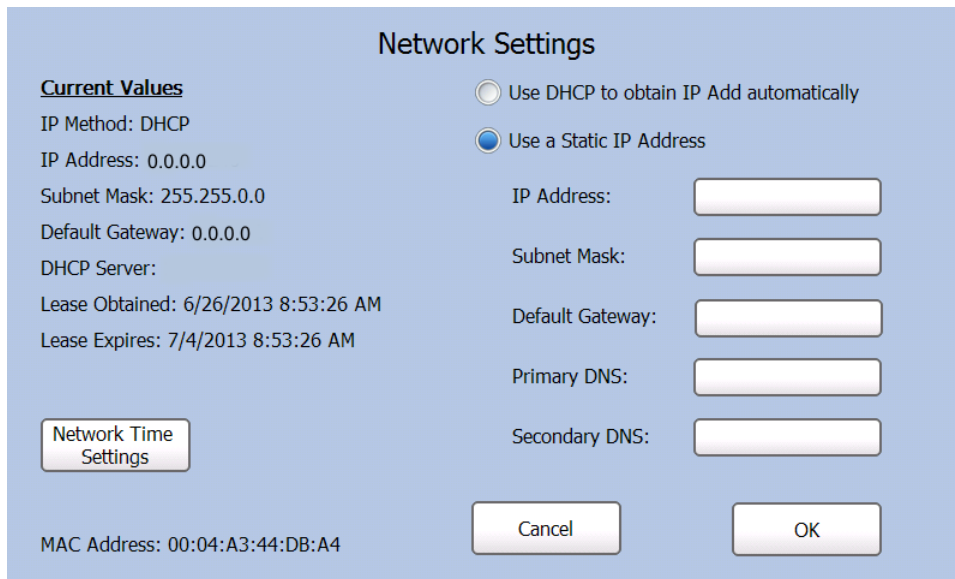
Cancel OK

1. From the *Network Settings* screen, select **Use DHCP to obtain IP Add automatically**.
2. Press **OK**.

## To enter an IP Address:

You can assign the printer a static IP Address.

1. From the *Network Settings* screen, select **Use a Static IP Address**.



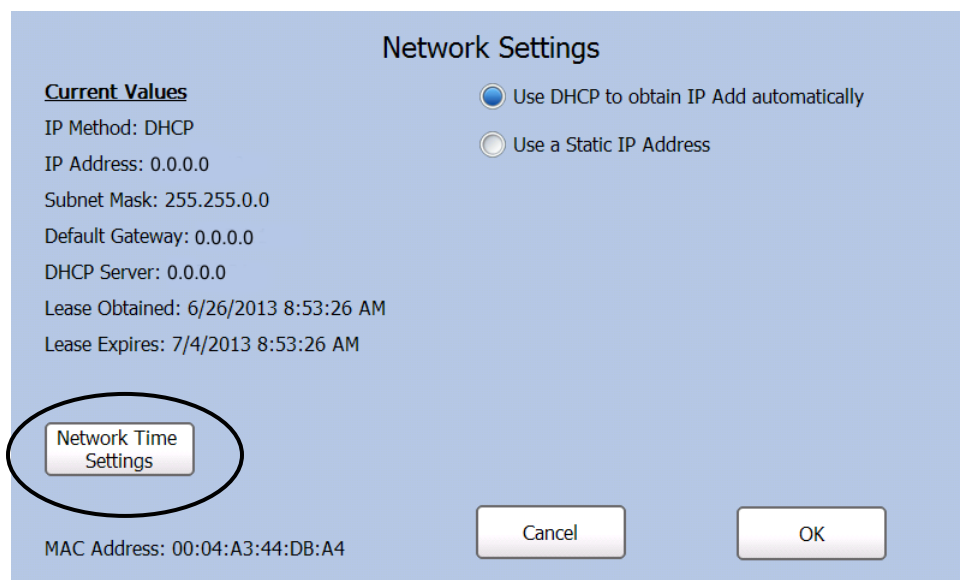
The screenshot shows the 'Network Settings' screen. On the left, under 'Current Values', it lists: IP Method: DHCP, IP Address: 0.0.0.0, Subnet Mask: 255.255.0.0, Default Gateway: 0.0.0.0, DHCP Server: (blank), Lease Obtained: 6/26/2013 8:53:26 AM, and Lease Expires: 7/4/2013 8:53:26 AM. At the bottom left is a 'Network Time Settings' button. On the right, there are two radio buttons: 'Use DHCP to obtain IP Add automatically' (unselected) and 'Use a Static IP Address' (selected). Below these are input fields for IP Address, Subnet Mask, Default Gateway, Primary DNS, and Secondary DNS. At the bottom are 'Cancel' and 'OK' buttons. The MAC Address 00:04:A3:44:DB:A4 is displayed at the bottom left.

2. Touch the text box next to each field to enter the information as needed on the keypad.
3. Press **Enter** on the keypad each time you complete a field.
4. Press **OK** when you are finished.

## Selecting your Network Time Server

If your printer is connected to a network with Internet access or to a network time server, use this screen to adjust the settings.

1. From the *Network Settings* screen, press **Network Time Settings**.
2. Select the check box if you want to automatically synchronize your clock with a Network Time Server.



This screenshot is identical to the previous one, but the 'Network Time Settings' button at the bottom left is circled with a black oval to highlight it. The rest of the screen content remains the same.

3. To add a new Network Time Server press **Add**. Use the keypad to enter the server address. Press **Enter** on the keypad each time you complete a field.

The screenshot shows a 'Network Time Settings' dialog box with a light blue background. At the top, there is a checked checkbox labeled 'Auto sync with a Network Time Server'. Below this, there are two main sections. The left section, titled 'Network Time Servers', contains a list box with two entries: 'tock.usno.navy.mil' and 'time.windows.com'. To the right of the list box are three buttons: 'Add', 'Edit', and 'Remove'. The right section, titled 'Update Interval', contains three buttons: a '+' button, a text box with the number '2', and a '-' button. To the right of the text box is the label 'Hour(s)'. At the bottom of the dialog box are two buttons: 'Cancel' and 'OK'.

To edit an existing Network Time Server, select the server name from the box then press **Edit**. Use the keypad to change the server address as needed.

To remove an existing Network Time server, select the server name from the box then press **Remove**.

4. Adjust the frequency at which your clock synchronizes with the Network Time Server. Use the + and – buttons to adjust the setting up or down.
5. Press **OK** when you are finished.



This chapter tells you how to

- ♦ enter and exit Edit Mode.
- ♦ add or remove product buttons.
- ♦ edit product descriptions.
- ♦ edit category buttons
- ♦ edit category label formats
- ♦ edit product button tab names

**Note:** Edit Mode is only for Managers and Supervisors.

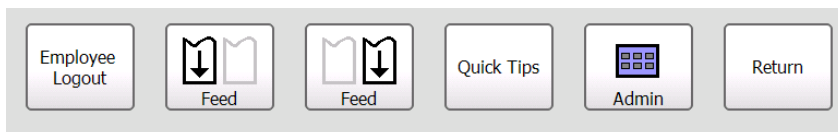
## Entering Edit Mode

---

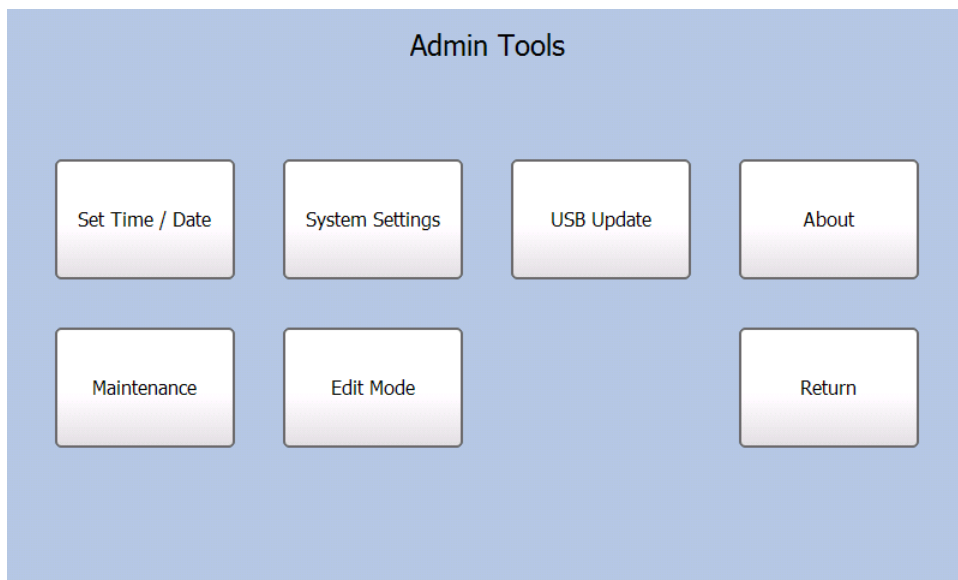
You can make changes to the product buttons. On the printer, use Edit mode or on your PC, use the Edit Utility (see Chapter 5, “Using the Edit Utility”).

To use Edit Mode:

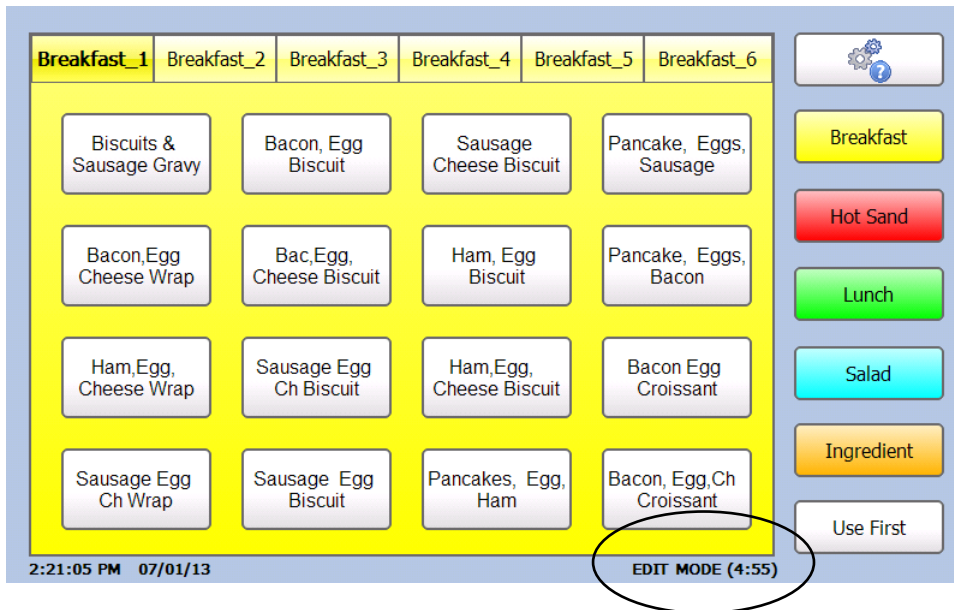
1. Press the **Tools**  button.



2. Press **Admin**.
3. Enter the Admin password then press **Enter**. The default password is **1234**.



#### 4. Press **Edit Mode**.




You return to the product screen. The background color of the screen changes and “EDIT MODE” appears at the bottom right of the screen. After five minutes of inactivity, Edit Mode closes. The countdown is shown at the bottom right of the screen.

### Adding and Removing Products

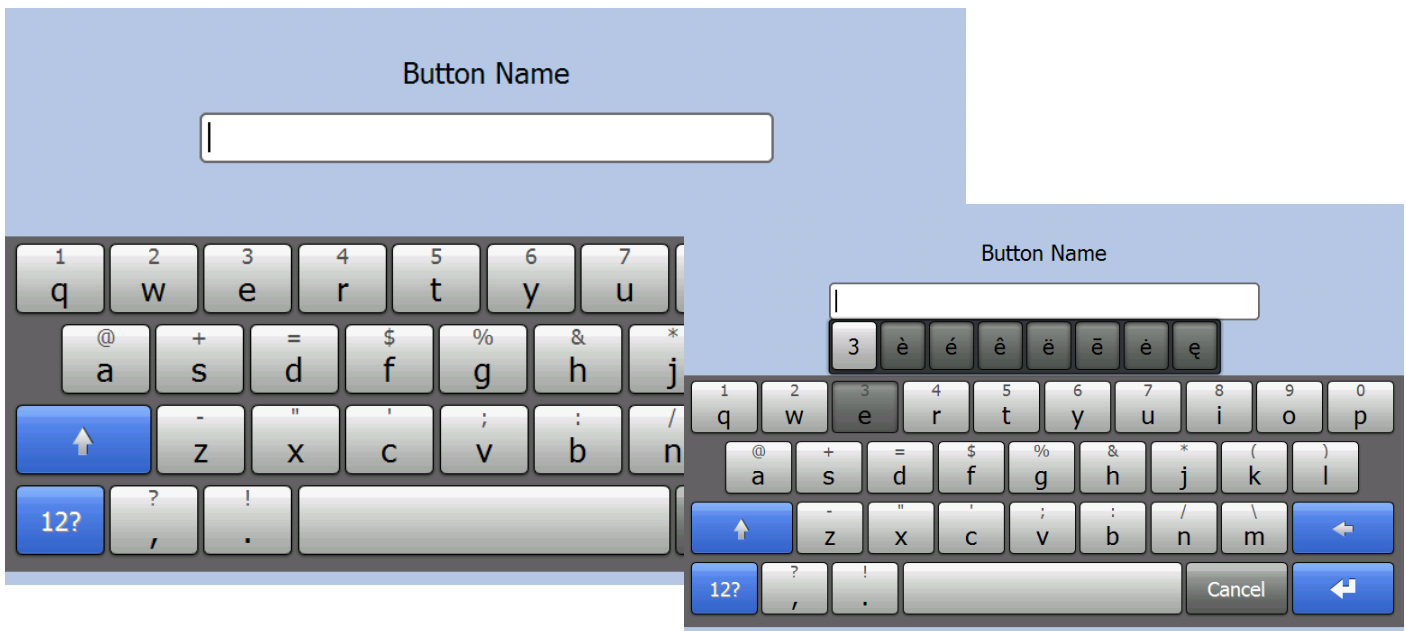
You must be in Edit Mode to add or remove product buttons.

#### **To add a product button:**

1. Press any empty product button.

\*The Alternate Name field is shown if you enable Alternate Button Names (see “Adjusting the Language Settings” in Chapter 3 for more information). Enter the button’s alternate name as you want it to appear when the operator presses the Language Toggle Button .

- Fill in the fields as needed. Touch the text box next to each field to open the keypad. Press and hold a key to use symbols and accented characters.

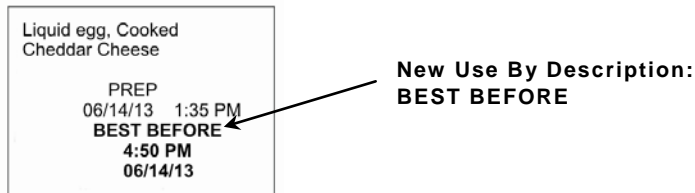


- Press **Enter** on the keypad each time you complete a field.
- Touch the text box next to the Use By Description field to open the keypad. The default "MUST USE BY" appears.



- Press the ⊗ to clear the field and enter the new data, for example, **BEST BEFORE**. Press **Enter**.

When this item is printed, the new Use By description prints. For example:



**Note:** To return to the default value, press the ⊗ to clear the field then click Save. Default values are shown in italicized, gray text. User modified values are shown in non-italicized, black text.

6. Touch the text box next to the Use By Duration field.

Use By Duration

Days

◀ 0 ▶

Hours

◀ 00 ▶

Minutes

◀ 00 ▶

Cancel

OK

7. Use the ◀ and ▶ buttons to set the product's expiration time in Days, Hours, and Minutes. Press **OK**.
8. Press **Save** when you are finished. The new product appears on the selected button.

### To remove a product button:

1. Press the product button you want to remove.

Button Name: Biscuits & Sausage Gravy

Alternate Name:

Description 1: 2 Biscuits

Description 2: Sausage Gravy

Description 3:

Use By Description: BEST BEFORE

Use By Duration: 2 Days

Clear All

Cancel

Save

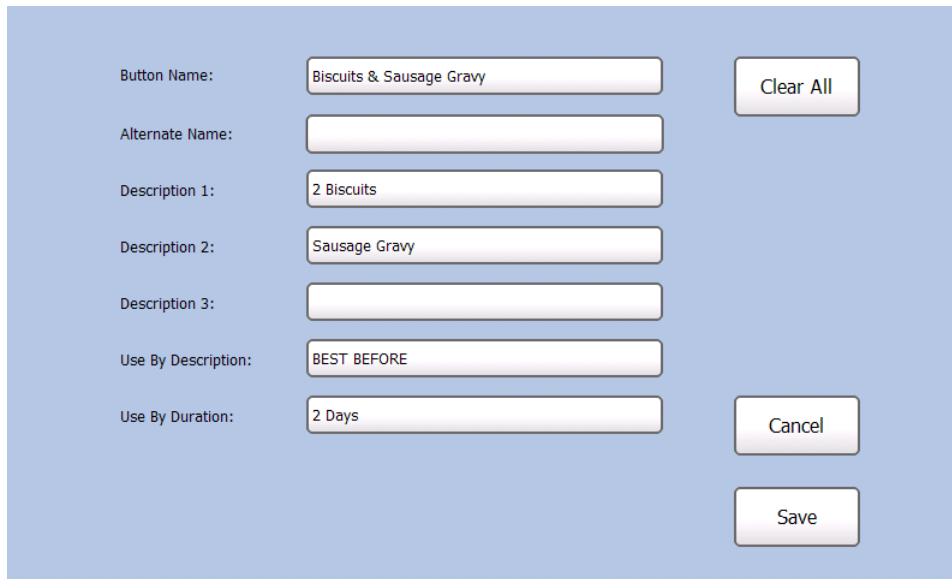
2. Press **Clear All**. All existing product information is removed from the screen.
  3. Press **Save** when you are finished.
- You return to the product screen; the selected button is blank.

## Editing Product Descriptions

---

You must be in Edit Mode to change button information.

1. Press the product button to edit.



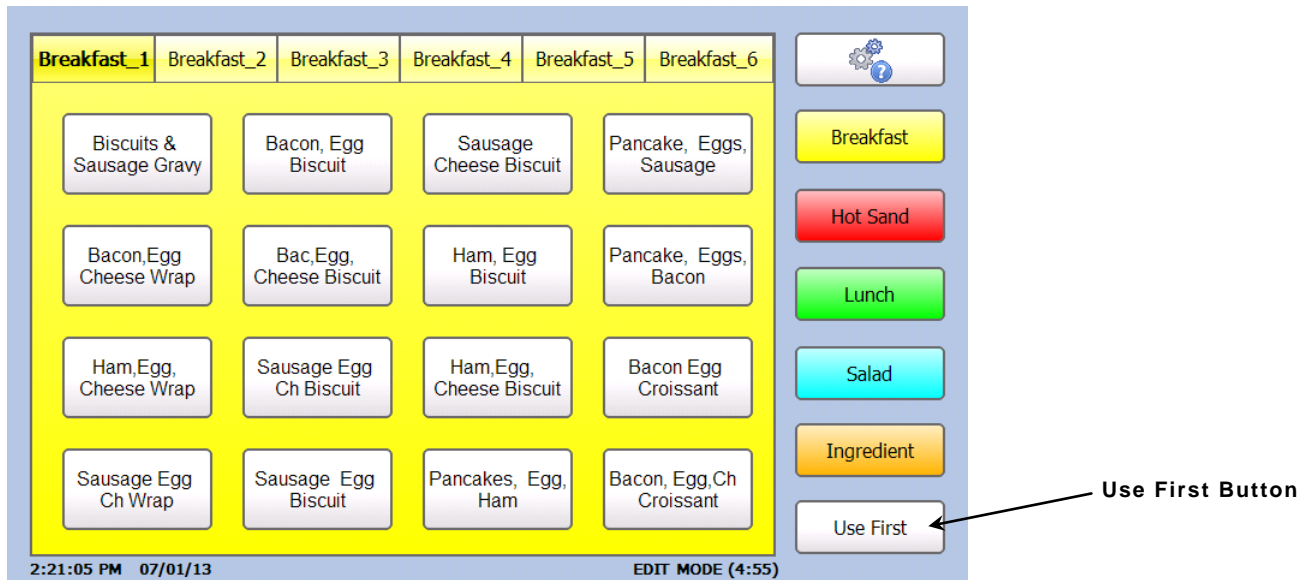
The screenshot shows a form for editing product descriptions on a light blue background. The form contains several text input fields and three buttons. The fields are labeled as follows: 'Button Name:' with the value 'Biscuits & Sausage Gravy', 'Alternate Name:' (empty), 'Description 1:' with the value '2 Biscuits', 'Description 2:' with the value 'Sausage Gravy', 'Description 3:' (empty), 'Use By Description:' with the value 'BEST BEFORE', and 'Use By Duration:' with the value '2 Days'. The buttons are 'Clear All' (top right), 'Cancel' (bottom right), and 'Save' (bottom right).

Button Name:	Biscuits & Sausage Gravy	Clear All
Alternate Name:		
Description 1:	2 Biscuits	Cancel
Description 2:	Sausage Gravy	
Description 3:		
Use By Description:	BEST BEFORE	
Use By Duration:	2 Days	Save

2. Edit the product information fields as needed. Touch the text box next to each field to open the keypad.
3. Press **Enter** on the keypad each time you complete a field.
4. Press **Save** when you are finished.

## Editing the Use First Button

You must be in Edit Mode to change the Use First button.



### 1. Press **Use First**.


Button Name: Use First

Alternate Name: Use Primero

Label Data:

Cancel

Save

\*The Alternate Name field is shown if you enable Alternate Button Names (see “Adjusting the Language Settings” in Chapter 3 for more information). Enter the button’s alternate name as you want it to appear when the operator presses the Language Toggle Button .

### 2. Enter the Button Name.

### 3. Enter the Label Data. This field is printed on labels when the First button is pressed. If this field is left blank, the text “Use First” prints on labels.

**Note:** This field has a maximum of four words.

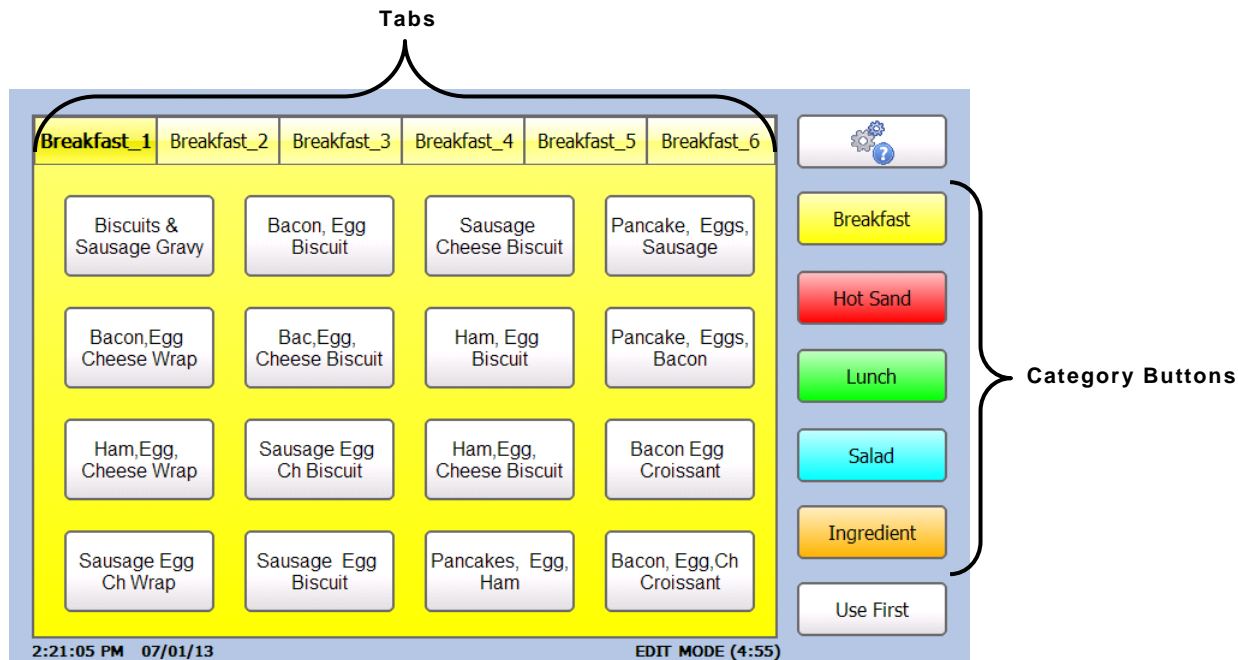
### 4. Click **Save** to save the changes or **Cancel** to exit.

**Note:** The “Use First” Button Name, “Use First” Alternate Name, and Label Data fields have default values. You can press the ⊗ to clear the field then click Save to use the default values.



## Editing Category Buttons

You can change the names of the category buttons and tabs. You can also select which format and printer (left or right) prints for each category. You must be in Edit Mode edit product buttons.



**Note:** All products in the same category must use the same format.

1. Select the category button you want to edit. If that category is not active, press the category button again.

The screenshot shows the 'Category Button Edit' screen. It contains the following fields and controls:

- Button Name:
- Alternate Name:  (indicated by an arrow from '\*Optional Fields')
- Label Format:  (with left and right arrow buttons)
- Printer: ☒ Left ☐ Right
- Use By Description:
- Tab Names: A 2x3 grid of buttons labeled 1 through 6.
- Alternate Tabs: A 2x3 grid of buttons labeled 1 through 6 (indicated by an arrow from '\*Optional Fields').
- Return:

\*The Alternate Name and Alternate Tabs fields are shown if you enable Alternate Button Names (see "Adjusting the Language Settings" in Chapter 3 for more information). Enter the button's alternate name as you want it to appear when the operator presses the Language Toggle Button.



2. Touch the text box next to the Button Name field to open the keypad. Enter the Button Name and then press **Enter** on the keypad.
3. Select the Label Format for all products in this category. Use the ◀ and ▶ buttons to scroll through the list of formats (1–8). See Appendix A, “Label Formats” for the size and content of each format.

**Note:** If you select a format larger than the loaded labels, some information may not print.

4. Select either the Left or Right printer to print the product labels for this category. This option does not appear for single printer models.

**Note:** If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format (1-8) and the same printer (left or right).

5. Touch the text box next to the Use By Description field to open the keypad. Enter the Use By Description and then press **Enter**.

**Note:** The Use by Description field has a default value (“MUST USE BY”). You can press the ⊗ to clear the field then click Save to use the default value. Default values are shown in italicized, gray text. User modified values are shown in non-italicized, black text.

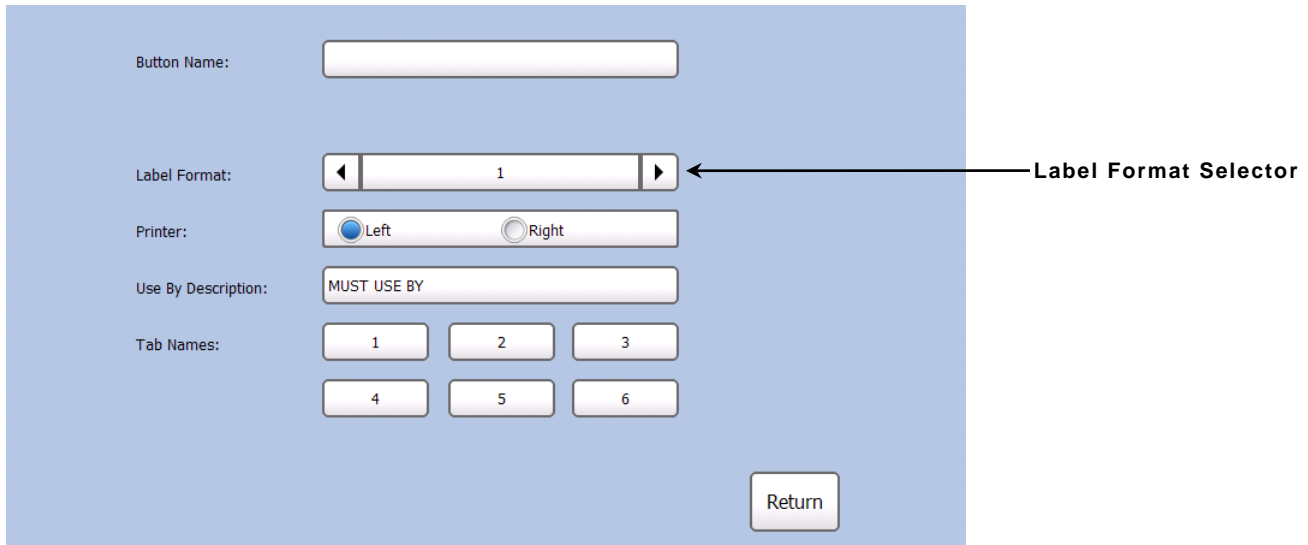
6. Touch the 1 - 6 buttons if you want to name the tabs. The keypad opens. Enter the Tab Name and press **Enter** on the keypad when you complete the field.
7. Press **Return** when you are finished.



## Assigning a Label Format

You can select the label format for the category buttons. All products within a category must use the same label format. You must be in Edit Mode to assign a label format to a category.

1. While in Edit Mode, select the category button you want to assign a format to. If that category is not active, press the category button again.



The screenshot shows a software interface for assigning a label format. It features a light blue background with several input fields and buttons. At the top, there is a 'Button Name:' label followed by an empty text box. Below this is the 'Label Format:' section, which includes a scrollable list box currently displaying the number '1'. This list box has left and right arrow buttons for navigation. An arrow points from the text 'Label Format Selector' to this list box. Underneath the list box is the 'Printer:' section with two radio buttons labeled 'Left' (which is selected) and 'Right'. Below that is the 'Use By Description:' section with a text box containing 'MUST USE BY'. The 'Tab Names:' section consists of two rows of three buttons each, numbered 1 through 6. At the bottom right of the interface is a 'Return' button.

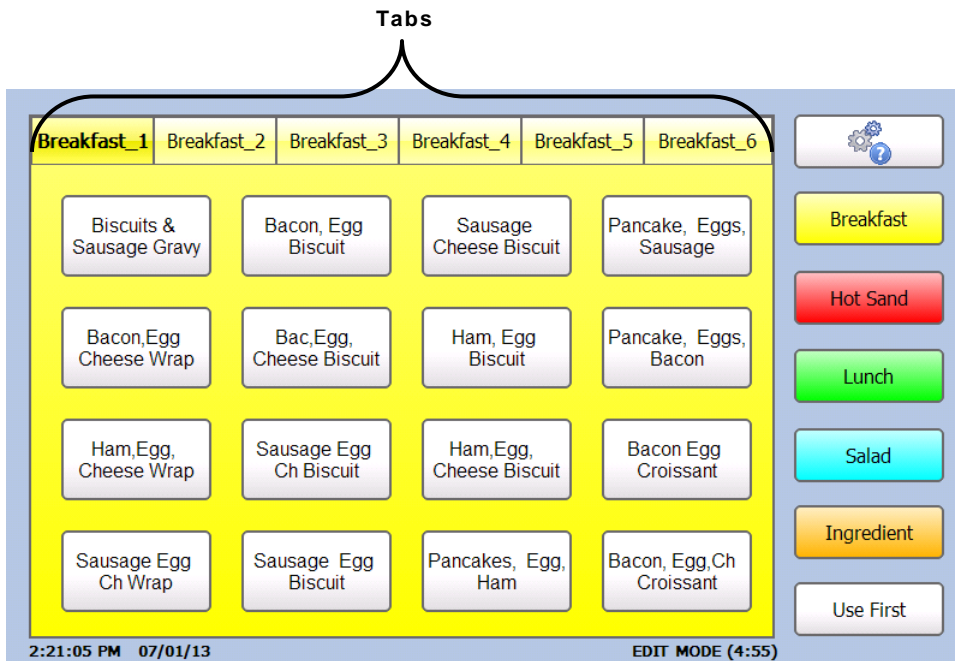
2. Select the Label Format for all products in this category. Use the ◀ and ▶ buttons to scroll through the list of formats (1–8). See Appendix A, “Label Formats” for the size and content of each format.

**Note:** If you select a format larger than the loaded labels, some information may not print.

3. Press Return when you are finished.

## Editing Tab Names

You can change the names of the product button tabs. You must be in Edit Mode edit product button tabs.



1. Touch one of the Tab Name buttons. The keypad opens.
2. Enter the Tab Name you want then press **Enter** on the keypad.

Button Name:

Alternate Name:

Label Format:

Printer: ☒ Left ☐ Right

Use By Description:

Tab Names:

1	2	3
4	5	6

Alternate Tabs:

1	2	3
4	5	6

**\*Optional Fields**

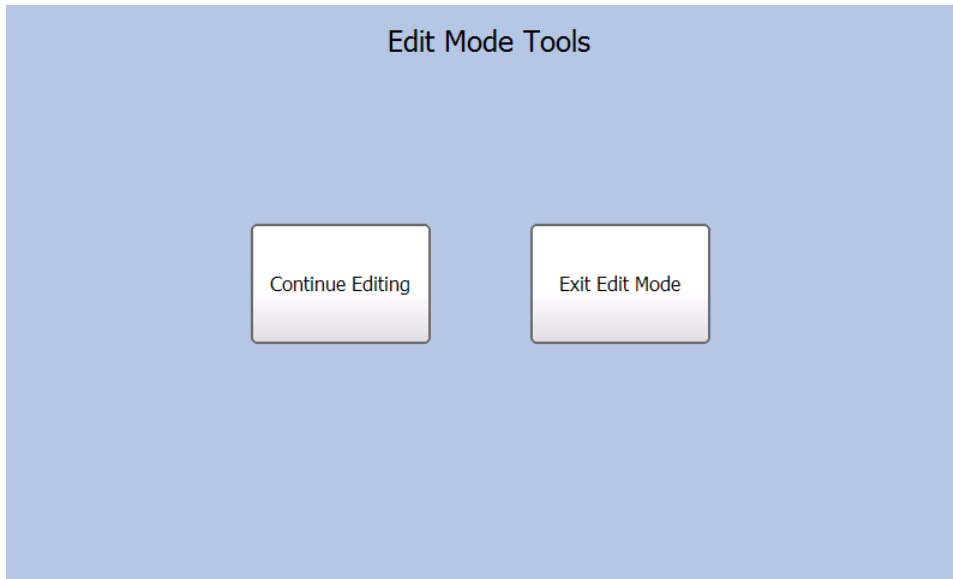
3. Press **Return** when you are finished.

## Exiting Edit Mode

---

To exit Edit Mode:

1. Press the **Tools** button.



2. Press **Exit Edit Mode**.

Or, press **Continue Editing** to remain in Edit Mode and make additional changes.

You return to the Product screen.



This chapter tells you how to

- ♦ install the Edit Utility.
- ♦ configure the network settings.
- ♦ upload printer data files to your computer.
- ♦ edit the product data file.
- ♦ update the product data file and update the application's software.

**Note:** The Edit Utility is only for Managers and Supervisors.

## System Requirements

---

To install and use the Monarch® FreshMarx® Edit Utility, your PC must meet these requirements:

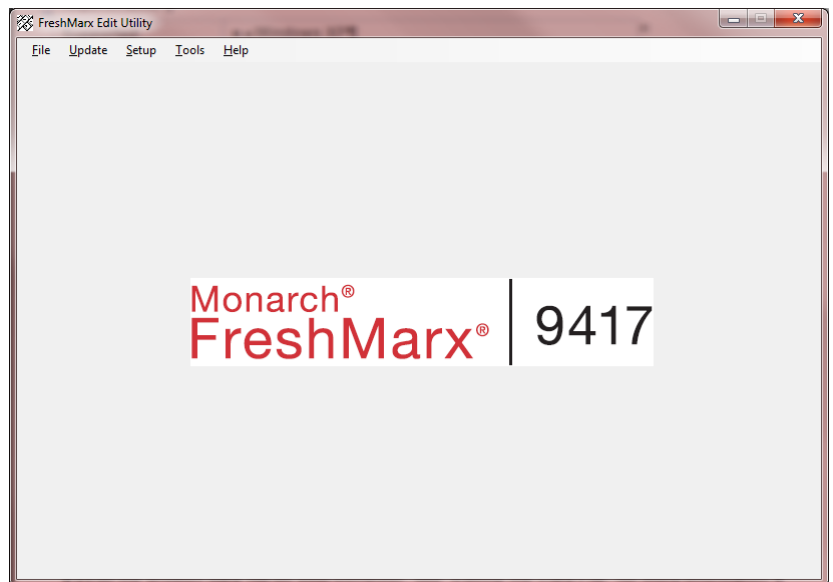
Supported Operating Systems:	<ul style="list-style-type: none"><li>♦ Windows XP</li><li>♦ Windows Vista</li><li>♦ Windows 7</li></ul>
Minimum Software Requirements:	Microsoft Internet Explorer 6.0 w/Service Pack 1 Windows 3.1 Installer
Processor:	1 GHz minimum recommended
Memory (RAM):	1 GB minimum recommended
Hard Disk Space:	1 GB minimum recommended

## Installing the Edit Utility

---

To install the Edit Utility on your computer:

1. Download the Edit Utility from our Web site to your computer.
2. Open the downloaded file and follow the on screen instructions to complete the installation.
3. Start the Edit Utility. The Main screen appears.
4. Once the Edit Utility is installed, you can:
  - ♦ Upload the product data file from the printer to your computer, see "Uploading the Product Data File" for more information.
  - ♦ Edit the product data file on your computer, see "Editing the Data File" for more information.
  - ♦ Update the product data file, see "Updating the Product Data File" for more information.
  - ♦ Update the application, see "Updating the Application's Software" for more information.



## Creating a New Product Data File

---

You can use the Edit Utility to create a new data file.

1. Start the Edit Utility. The Main screen appears.
2. Click **File**, then **New**. A blank data file appears. To customize the data file, see “Editing the Data File.”

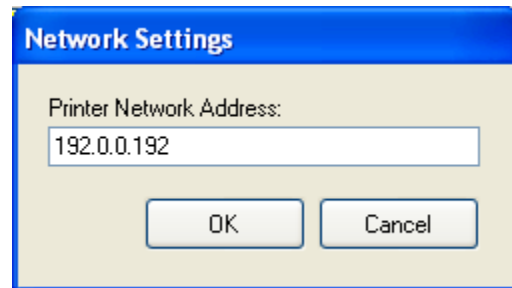
## Configuring the Network Settings

---

To communicate with the printer using Ethernet, enter your printer’s IP Address within the Edit Utility. See “Adjusting the Network Settings” in Chapter 3 to view your printer’s IP Address.

### Entering the Printer’s IP Address in the Edit Utility:

1. Connect the printer to your computer using an Ethernet cable.
2. Turn on the printer.
3. Start the Edit Utility.
4. Click **Setup**, then **Network**.
5. Enter the printer’s IP address.
6. Click **OK**.

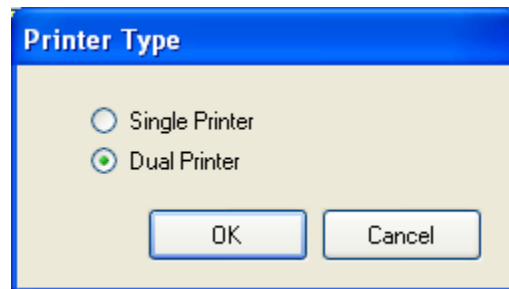


## Specifying the Printer’s Type

---

The printer is available as a single printer (left printer only) or dual printer (left and right printer). Specifying the correct printer’s type is important, so features display properly in the Edit Utility.

1. Start the Edit Utility.
2. Click **Setup**, then **Printer Type....**
3. Select Single Printer or Dual Printer.
4. Click **OK**.



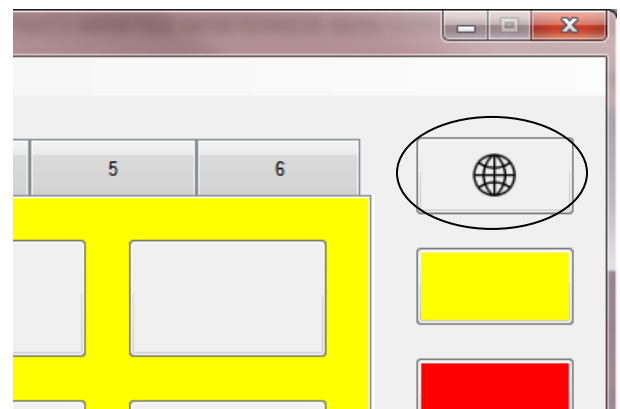
## Enabling Alternate Button Names

---

The printer can display your product and category buttons in an alternate language. When you enable alternate button names the language toggle button appears.

1. Start the Edit Utility.
2. Start a new data file or open your existing one.
3. Click **Setup**, then **Alternate Button Names**.

**Note:** To disable Alternate Button Names repeat steps 1-3.



## Uploading the Product Data File

---

You can use an Ethernet connection to retrieve an existing product data file from the printer and save it to your computer. To perform updates using Ethernet, the Edit Utility's IP address must match the printer's IP address.

To make changes to the printer's data file with the Edit Utility, upload the data file to your computer.

1. Connect the printer to your computer using an Ethernet cable.
2. Turn on the printer.
3. Start the Edit Utility.
4. Enter the Printer's IP Address in the Edit Utility (if you have not already done so). See "Entering the Printer's IP Address in the Edit Utility" for more information.
5. Click **Update**, then **Upload Product Data**.

If you already have a product data file open in the *Edit Utility*, you are prompted to save changes. Click either **Yes** or **No**.

If you select **Yes**, enter a file name and click **Save**. The data file must be saved as a Unicode text file (.dat) to be loaded into a printer.

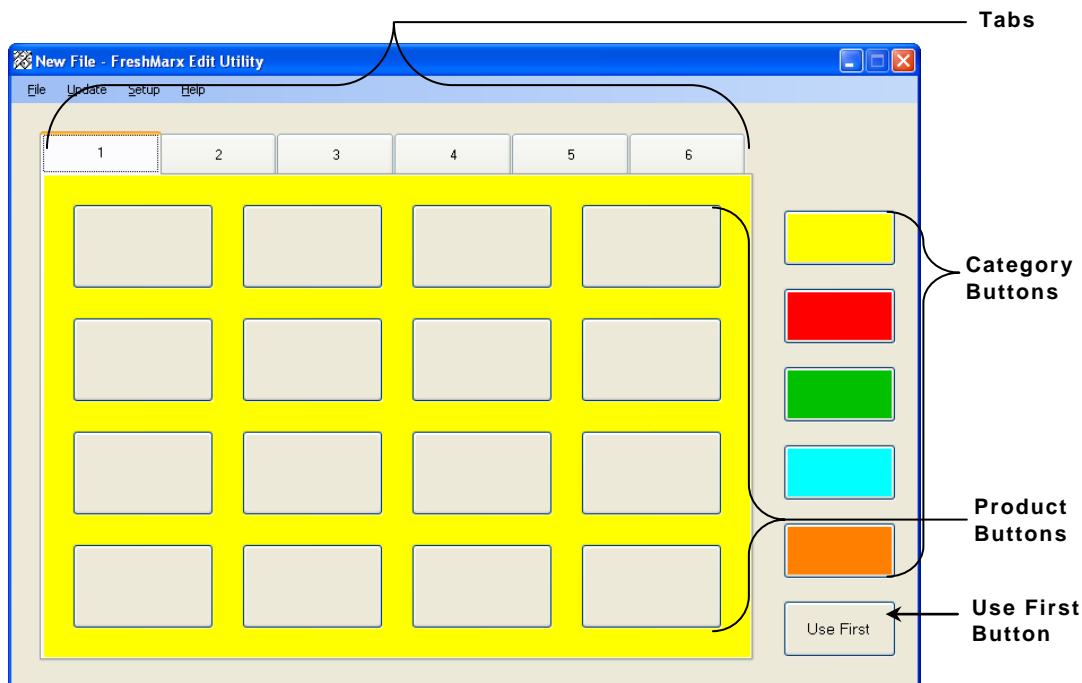
If you select **No**, a message appears, "Receiving product data..."

6. Click **OK**. The product data file from the printer is saved as ProdData.dat.

## Editing the Data File

---

This section tells you how to use the Edit Utility to customize the tabs, category buttons, Use First button, and product buttons.



## Editing Category Buttons

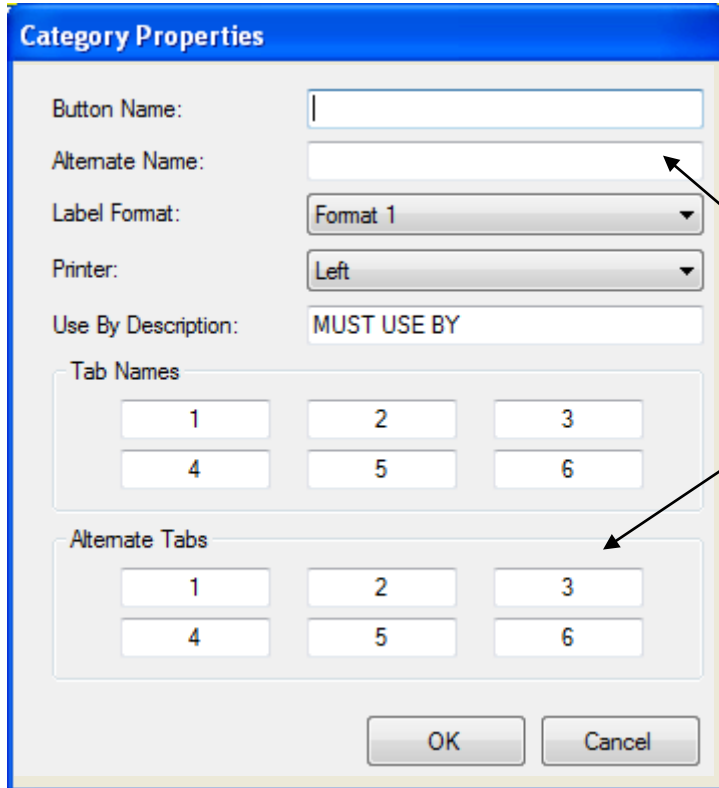
You can change the names of the category buttons, select which format prints for each category, select which printer to use, and name tabs.

Printer selection is only necessary with dual printer versions.

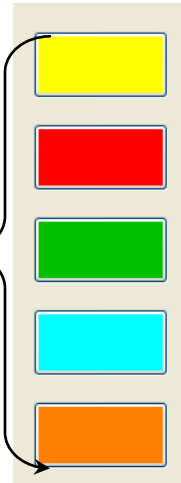
See Appendix A, “Label Formats” for the size and content of each format.

**Note:** All products in the same category must use the same format.

1. Click the category button you want to edit.



Category Buttons



\*Optional Fields

\*The Alternate Name and Alternate Tabs fields are shown if you enable Alternate Button Names (see “Enabling Alternate Button Names” on p 5-2 for more information). Enter the button’s alternate name as you want it to appear when the operator presses the Language Toggle Button.



2. Enter the Button Name.

3. Select the Label Format for all products in this category.

**Note:** If you select a format larger than the loaded labels, some information may not print.

4. Select which printer will print the product labels for this category. This option does not appear for single printers or if you have not correctly specified a dual printer. See “Specifying the Printer’s Type” for more information.

**Note:** If you want the operator to select which printer (Left or Right) to use when a product button is pressed, assign all categories to the same format (1-8) and the same printer (left or right).

5. Enter the Use By Description.

6. Enter the Tab Names if necessary.

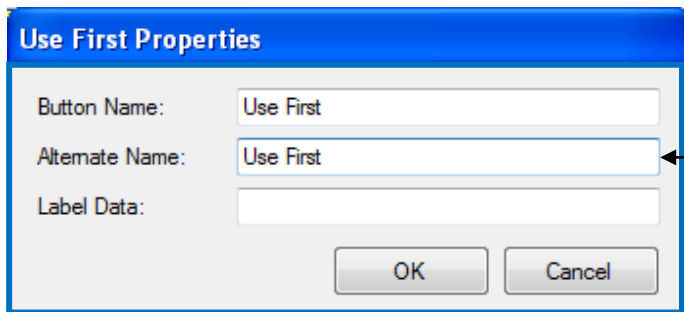
7. Click **OK** when finished.




## Editing the Use First Button

The Use First button is customizable.

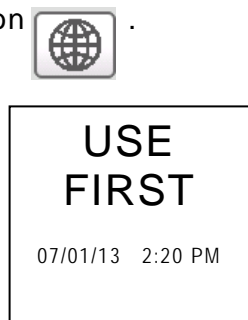
1. Click the **Use First**  button.



The dialog box titled "Use First Properties" contains three input fields: "Button Name" (containing "Use First"), "Alternate Name" (containing "Use First"), and "Label Data" (empty). Below the fields are "OK" and "Cancel" buttons. An arrow points from the text "\*Optional Field" to the "Alternate Name" field.

\*The Alternate Name field is shown if you enable Alternate Button Names (see "Enabling Alternate Button Names" on p 5-2 for more information). Enter the button's alternate name as you want it to appear when the operator presses the Language Toggle Button .

2. Enter the Button Name.
3. Enter the Label Data. This field is printed on labels when the Use First button is pressed. If this field is left blank, the default text "Use First" prints on labels. For example:
4. Click **OK**.



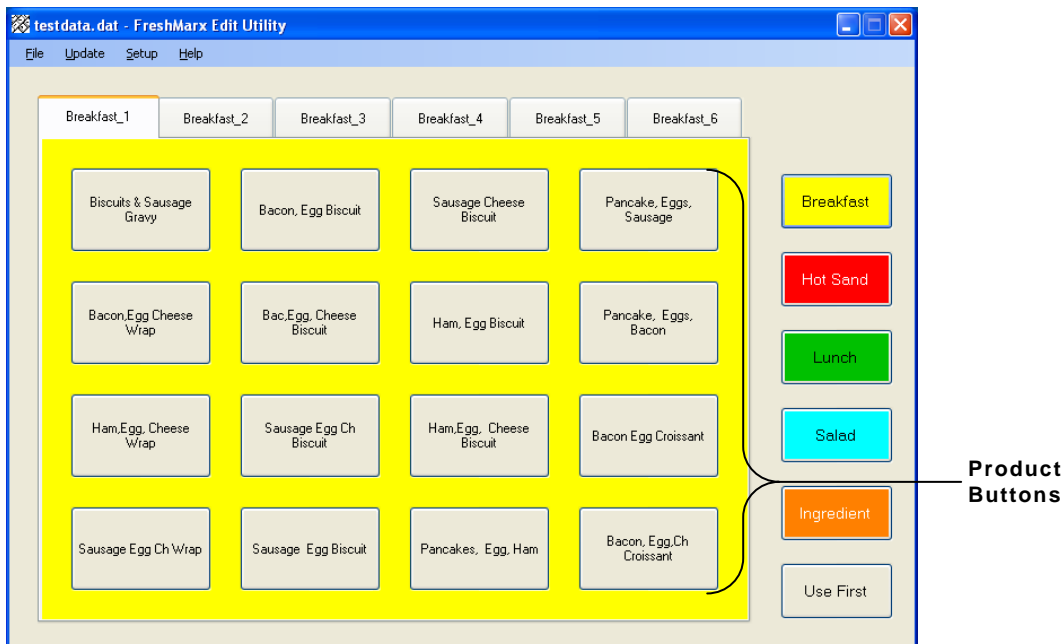
## Editing Tabs

Tab names are entered in each category. See "Editing Category Buttons" for more information.

## Creating and Editing Product Buttons

1. Click **File**, then **Open...** to edit an existing data (.dat) file or click **File**, then **New** to create a new data file from a blank template.

You see your data file or a blank template.



2. Click a blank button to add a new product or click an existing product button to edit.  
The Button Properties screen appears. This screen varies depending on the format selected for each category. See “Editing Category Buttons” for more information.

**Button Properties**

Button Name:

Alternate Name:

Label Data

Description 1:

Description 2:

Description 3:

Use By

Use By Description:

Use By Duration:  Days  Hours  Minutes

**Button Properties**

Button Name:

Alternate Name:

Label Data

Description:

**Nutrition Facts**

Serving Size:

Servings Per Container:

---

Calories:  Calories from Fat:

---

		% Daily Value *
<b>Total Fat:</b>	<input type="text"/> g	<input type="text"/> %
Saturated Fat:	<input type="text"/> g	<input type="text"/> %
Trans Fat:	<input type="text"/> g	
<b>Cholesterol:</b>	<input type="text"/> mg	<input type="text"/> %
<b>Sodium:</b>	<input type="text"/> mg	<input type="text"/> %
<b>Total Carbohydrate:</b>	<input type="text"/> g	<input type="text"/> %
Dietary Fiber:	<input type="text"/> g	<input type="text"/> %
Sugars:	<input type="text"/> g	
<b>Protein:</b>	<input type="text"/> g	

---

Vitamin A:  % Vitamin C:  %

Calcium:  % Iron:  %

---

3. Enter the Button Name.
4. Enter the Label Data – Description 1, Description 2, and Description 3.  
This information prints on the label when the product button is pressed.  
If nothing is entered for Description 1, the text entered for the Button Name is used.
5. Enter the Use By Description.  
The default is “MUST USE BY.”
6. Set the product’s duration (expiration time).  
See “Setting the Options” for more information about expiration times.
7. Enter any other information as necessary.
8. Click **OK** when finished.
9. Click the Category Buttons on the right to edit product buttons within the different categories.
10. Click **OK** when finished.
11. Click **File**, then **Save** to save changes. The data file must be saved as a Unicode text file (.dat) to be loaded into a printer.

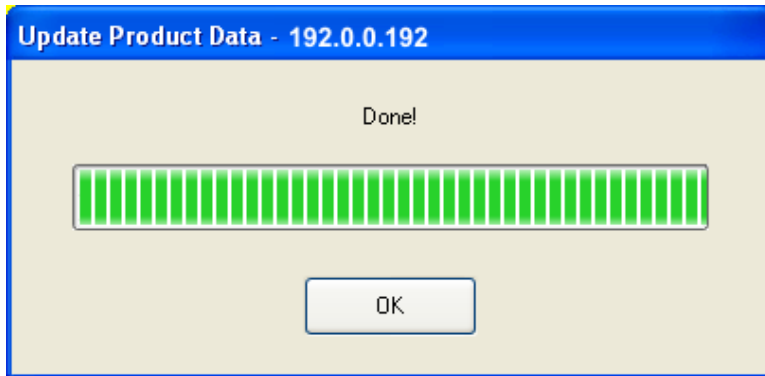
## Updating the Product Data File

---

You can use an Ethernet connection to transfer your data file from the computer to your printer. To perform updates using Ethernet, the Edit Utility's IP address must match the printer's IP address. See "Entering the Printer's IP Address in the Edit Utility" for more information.

When you are done making changes to the Product Data file, you can download it to the printer.

1. Start the Edit Utility.
2. Open the data file to transfer to the printer.
3. Connect the printer to your computer using an Ethernet cable.
4. Turn on the printer.
5. Click **Update**, then **Product Data**. A message appears when the download is complete.



6. Click **OK**.

**Note:** If you do not have an Ethernet connection, see "Updating your Product Data File via USB" for more information.

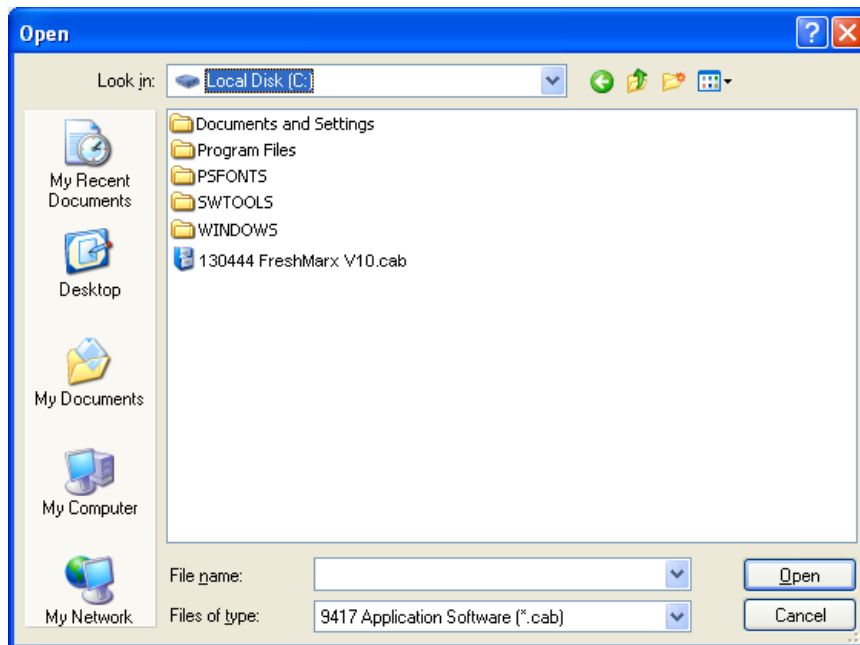
## Updating the Application's Software

You can use an Ethernet connection to update the Application's software. To perform updates using Ethernet, the Edit Utility's IP address must match the printer's IP address.

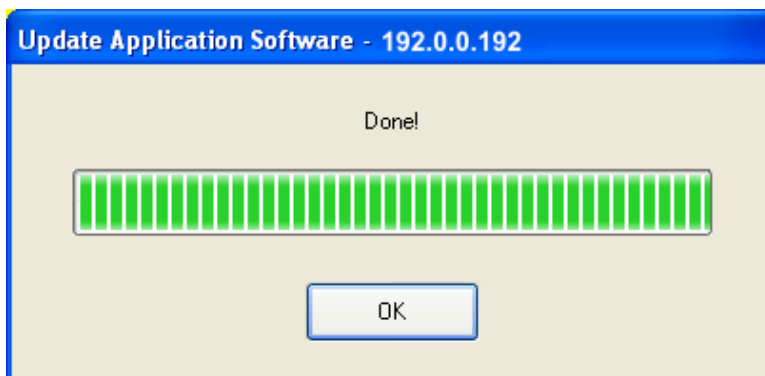
Download the latest application from our Web site on your computer.

**Note:** Save the file to your computer's hard drive, not a network drive.

1. Start the Edit Utility.
2. Connect the printer to your computer using an Ethernet cable.
3. Turn on the printer.
4. Click **Update**, then **Application Software**.



5. Select the **130444 FreshMarxVxx.cab** ("xx" indicates the version number) file you downloaded from the Web site.
6. Click **Open**.
7. The printer enters download mode. This may take several minutes. A message appears when the download is complete.



8. Click **OK**.

The printer restarts automatically and loads the latest application.

**Note:** If you do not have an Ethernet connection, see "Updating your Application's Software via USB" for more information.

This chapter tells you how to

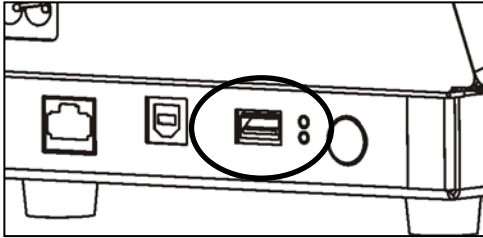
- ♦ update the product data file.
- ♦ update the application software.
- ♦ adjust language settings.

## Updating Your Product Data File via USB

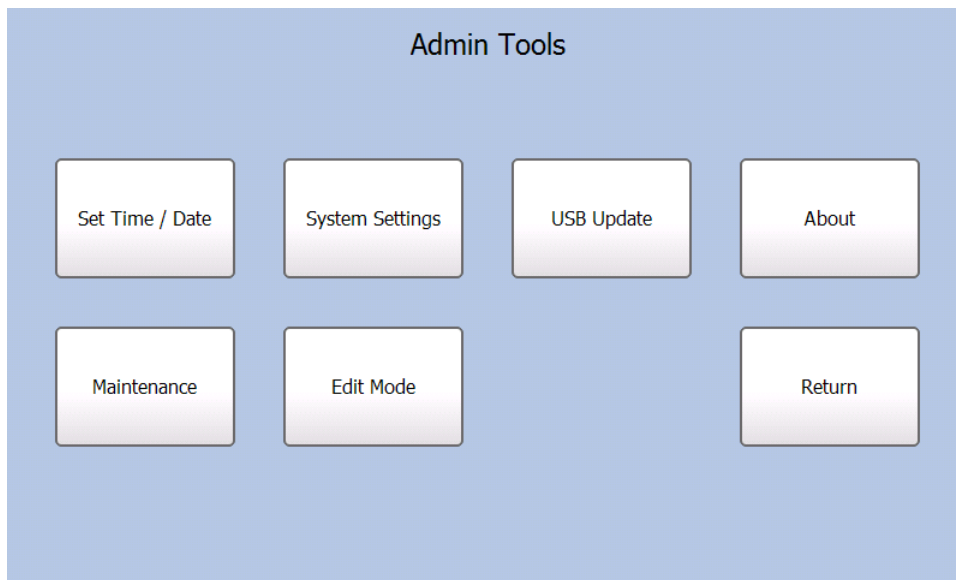
---

You can use a USB Flash Drive to transfer your updated product data file from your PC to your printer. Save your data file in the root directory on a USB Flash Drive.

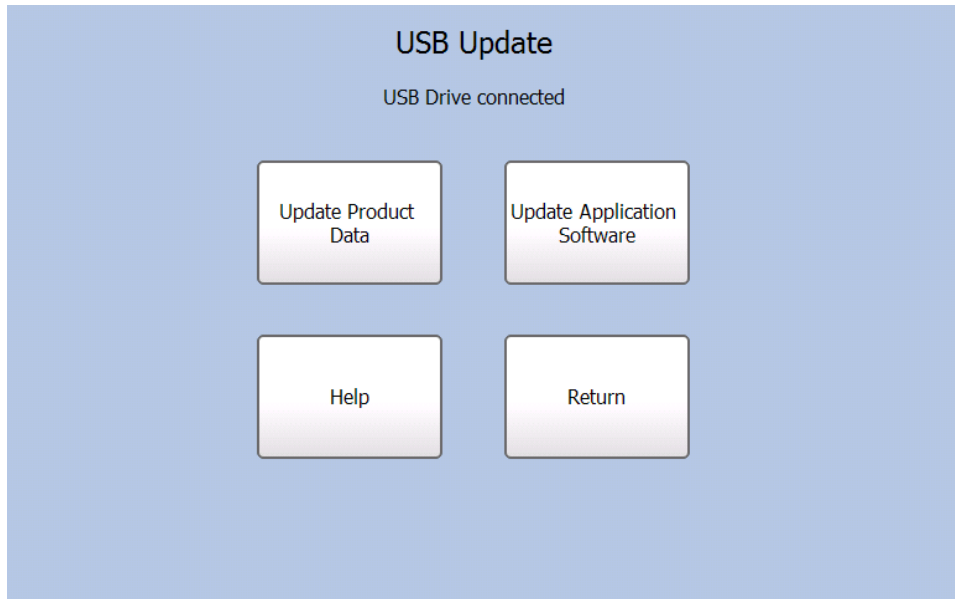
1. Plug the USB Flash Drive into the USB port on the side of the printer.



2. Press the **Tools**  button.
3. Press **Admin**.
4. Enter the Admin password then press **Enter**. The default password is **1234**.

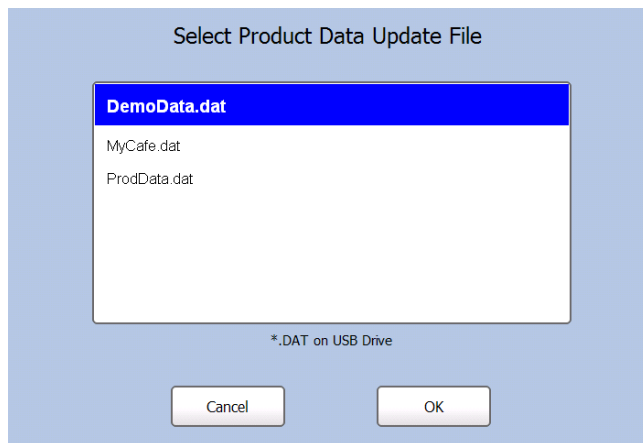


5. Press **USB Update**.



6. Press **Update Product Data** to update the data files.

If you have more than one Product Data file stored on your USB Flash Drive, select the file you want to install then press **OK**.



7. A message appears when the file is loaded. Press **OK** to continue.

8. Remove the USB Flash Drive.

## Adjusting the Language Settings

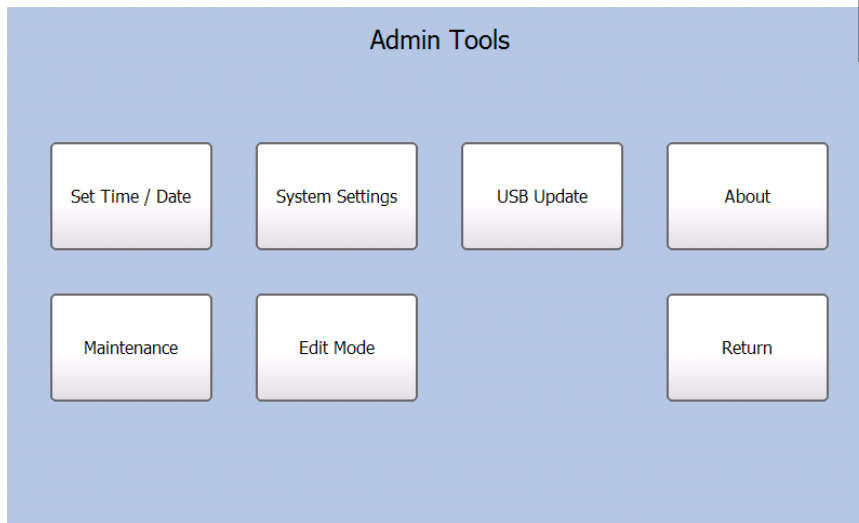
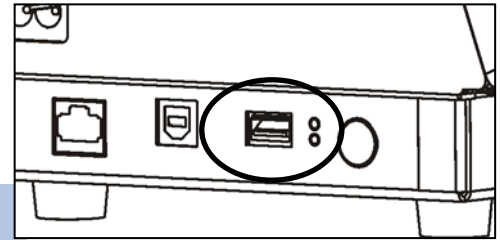
---

If you enabled Alternate Button Names, you need to adjust the language settings on the printer after updating your product data file (see "Adjusting the Language Settings" in Chapter 3).

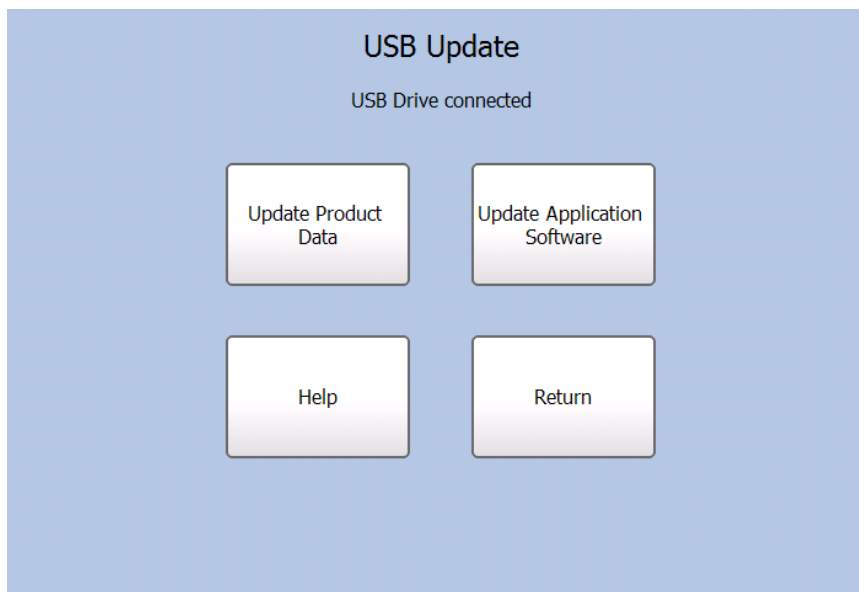
## Updating Your Application Software via USB

You can use a USB Flash Drive to transfer updated Application Software from your PC to your printer. Save the latest application in the root directory of a USB Flash Drive.

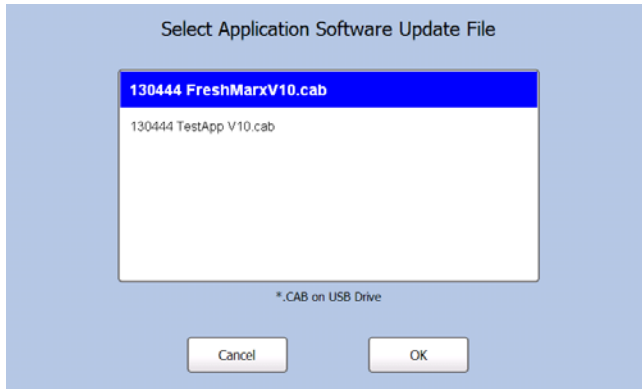
1. Turn on the printer.
2. Plug the USB Flash Drive into the USB port on the side of the printer.
3. Press the **Tools** button.
4. Press **Admin**.
5. Enter the Admin password then press **Enter**. The default password is **1234**.



6. Press **USB Update**.



7. Press **Update Application Software**.



If you have more than one Application Software file stored on your USB Flash Drive, select the file you want to install then press **OK**.

This may take several minutes. When the update is complete, the printer restarts.

8. Remove the USB Flash Drive.



This chapter tells you how to


- ♦ print diagnostic labels.
- ♦ copy a product data file to USB.
- ♦ calibrate the touch screen.
- ♦ reset the printer.

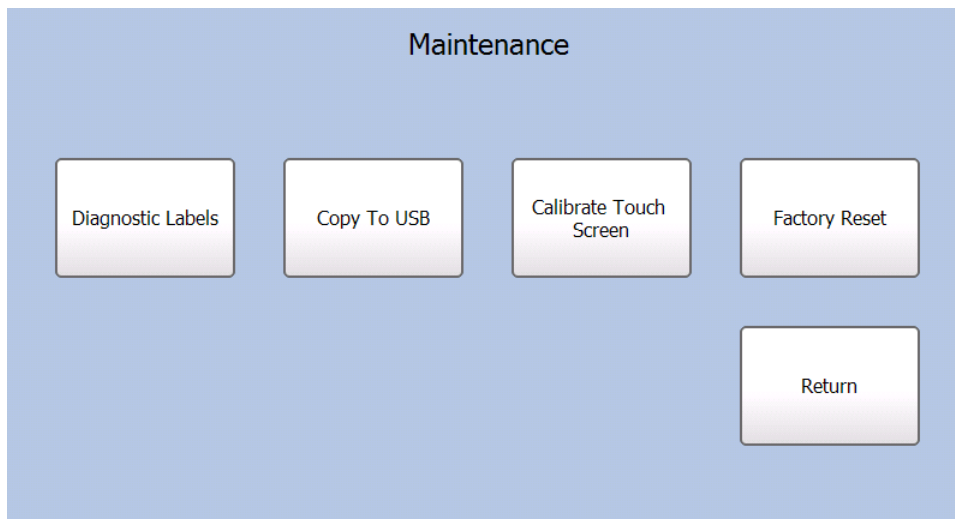
## Printing Diagnostic Labels

---

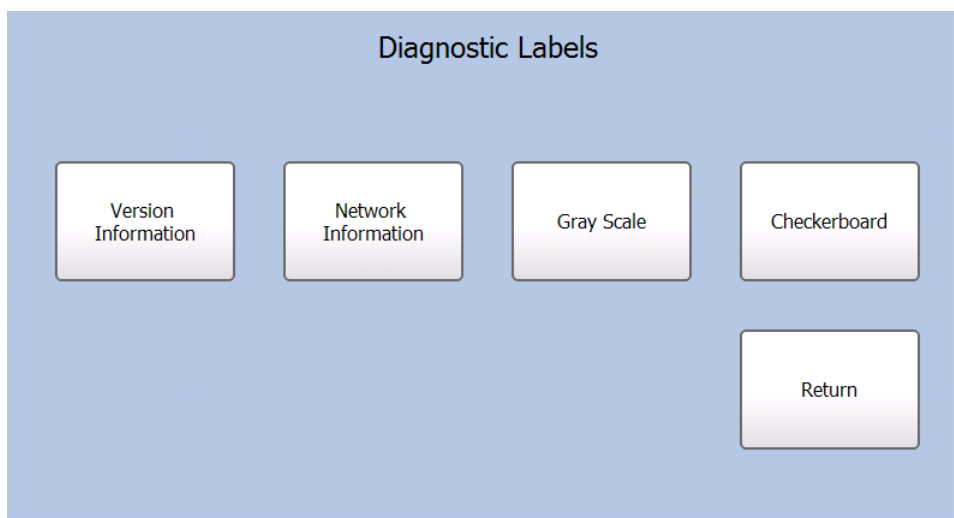
Several diagnostic labels are available: Version Information, Network Information, Gray Scale, and Checkerboard.

To print any of the diagnostic labels:

1. Press the **Tools**  button.
2. Press **Admin**.
3. Enter the Admin password and press **Enter**. The default password is 1234.
4. Press **Maintenance**.



5. Press **Diagnostic Labels**.



## Version Information

The Version Information label shows the model number and application part number along with version numbers for the application, core, print engine and main board.

### Press

### The following label prints:

Version Information

Avery Dennison M9417  
P/N 130444  
App Version 1.0  
Core 8410 (2013-06-18)  
Print Engine V1.0  
Mainboard CC - PE Board AB

## Network Information

The Network Information labels shows the method for obtaining an IP address, the IP address, Subnet mask, Gateway address, and MAC address.

### Press

### The following label prints:

Network Information

Avery Dennison M9417  
IP Method DHCP  
IP Addr 192.0.192.0  
Subnet 255.255.0.0  
Gateway 192.192.0.0  
MAC Address  
00 05 B4 42 AB C4

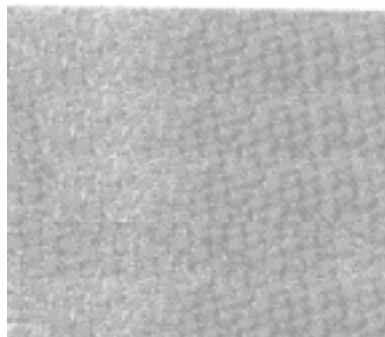
## Gray Scale

The gray scale test checks the uniformity of the printing. The printed sample should be uniformly gray across the supply. If you see voids, keep the sample and call Service.

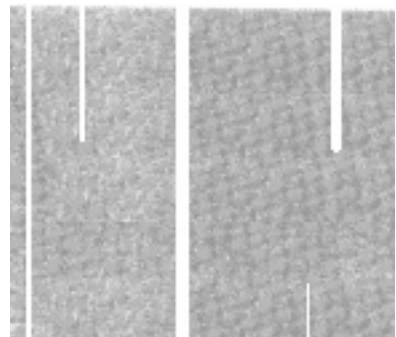
### Press

### The following label prints:

Gray Scale



Sample



Sample with voids

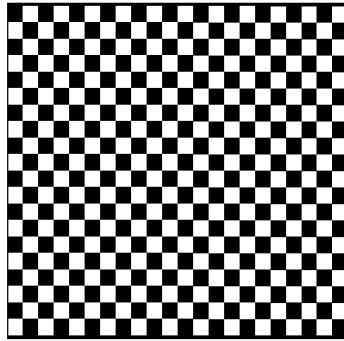
## Checkerboard

Prints a label to verify that the printhead strokes are working. If the printed sample has fewer lines or no lines, keep the sample and call Service.

### Press

The following label prints:

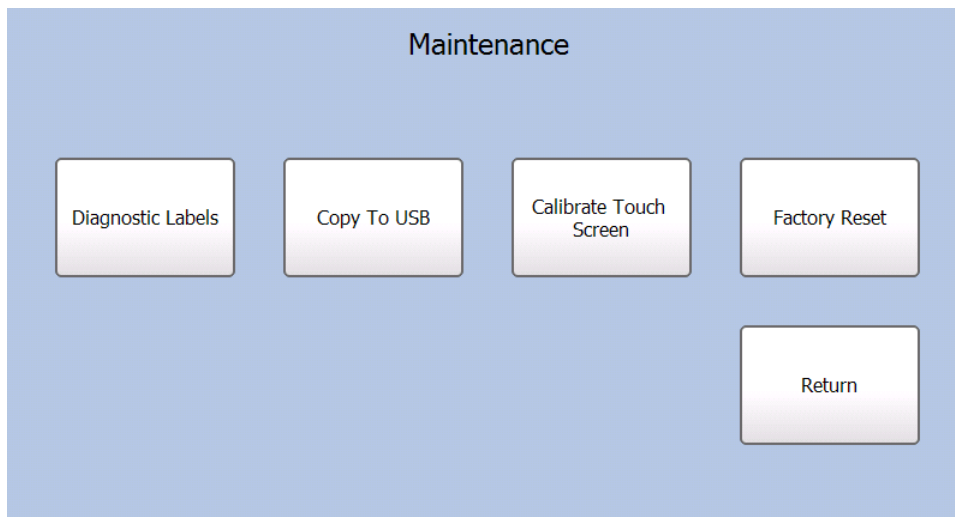
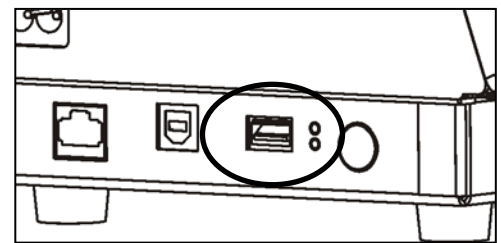
Checkerboard



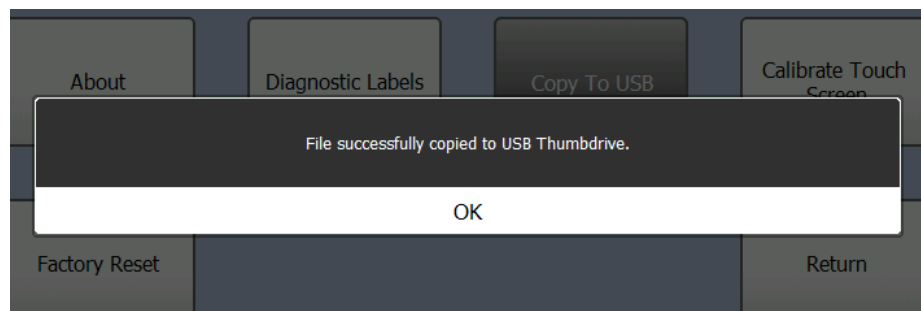
## Copying a Data File to a USB Flash Drive

You can copy the Product Data File from the printer to a USB Flash Drive.

1. Insert a USB Flash Drive into the port on the side of the printer.
2. Press the **Tools** button.
3. Press **Admin**.
4. Enter the Admin password and press **Enter**. The default password is 1234.
5. Press **Maintenance**.



6. Press **Copy to USB**.
7. Press **OK**.



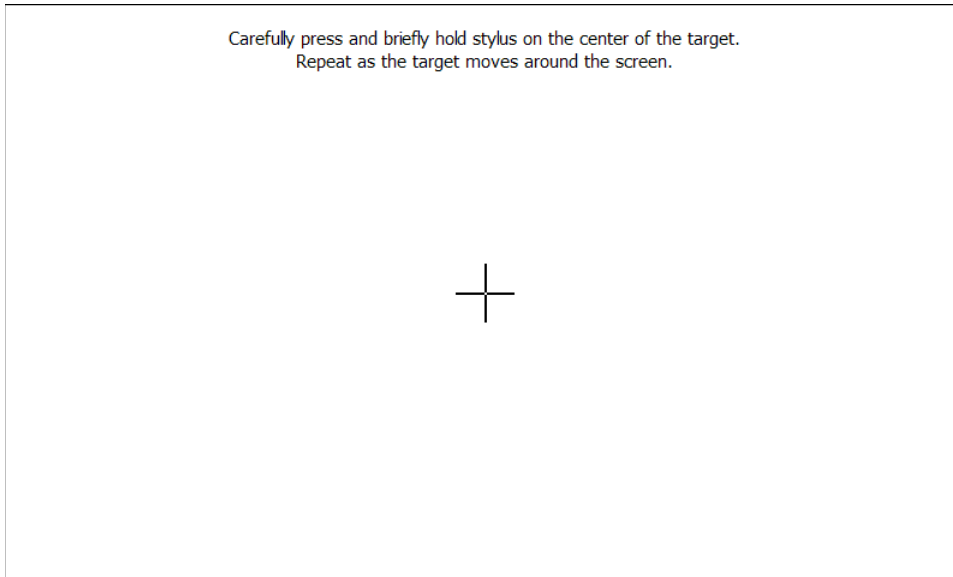
## Calibrating the Touch Screen

---

Calibrate the touch screen so the buttons respond correctly when pressed. You are prompted to do this the first time you turn the printer on after receiving it and after you update the printer's Application Software.

Follow the on-screen instructions to calibrate the touch screen. The application runs automatically when you are finished.

**Note:** Be sure that you only touch the screen in the center of the crosshair and that nothing touches any other part of the screen during calibration.



You can also calibrate the touch screen if it does not correctly respond to touch.

## Performing a Factory Reset

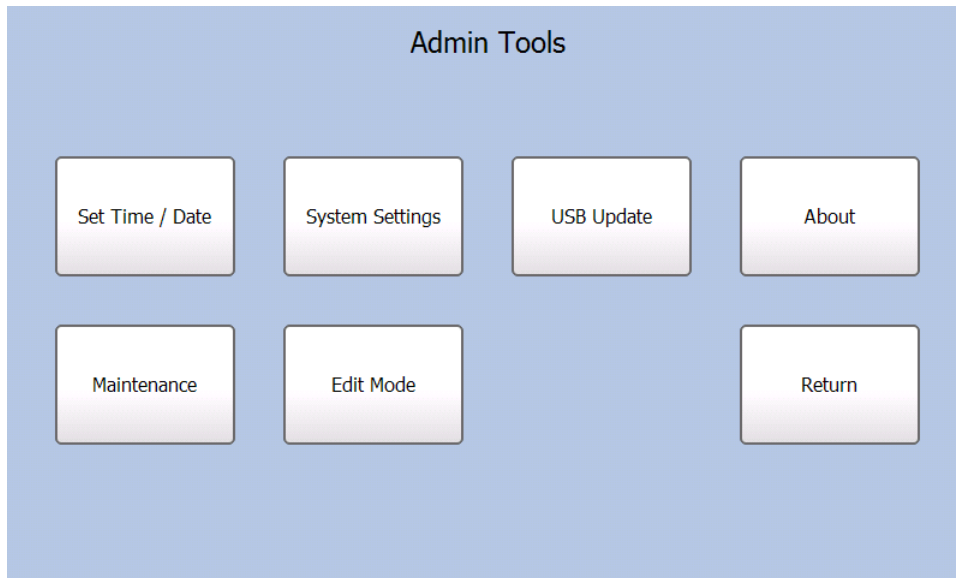
---

Use Factory Reset to delete all data files from the printer. Data files include the product button information, password, and printer configuration settings.

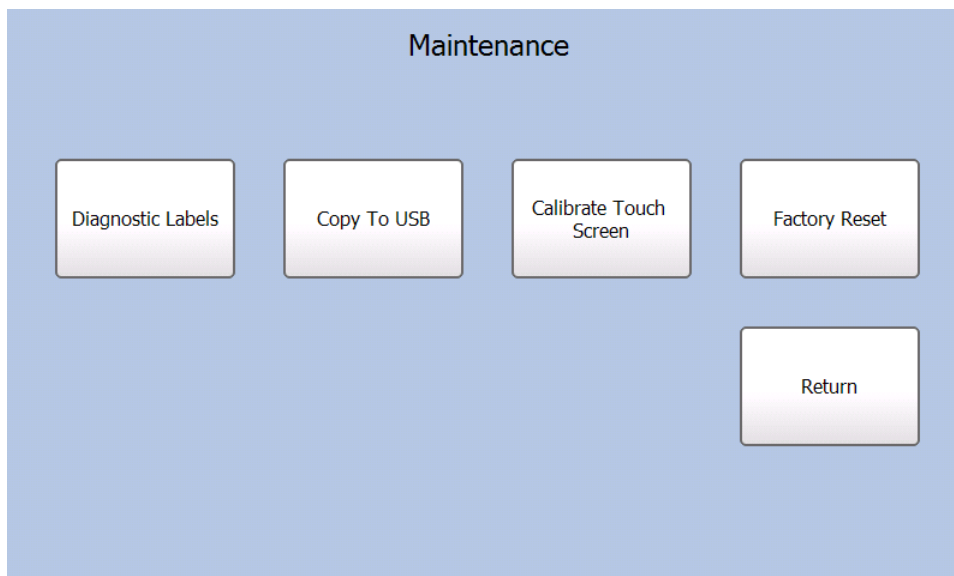
It may be necessary to delete data files when there are errors in the current data files.

**Note:** Before deleting the printer's data files, you may want to upload the Product Data file to your computer or to a USB Flash Drive to save the product button information. See "Uploading the Product Data File" or "Copying a Data File to a USB Flash Drive" for more information.

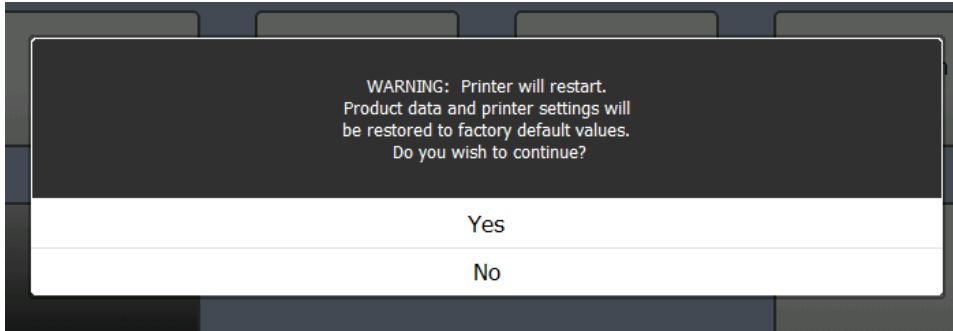
1. Press the **Tools** button.
2. Press **Admin**.
3. Enter the Admin password and press **Enter**. The default password is 1234.



4. Press **Maintenance**.



5. Press **Factory Reset**. A warning message appears.



6. Press **Yes** to delete all data files or press **No** to cancel.

The printer deletes all data files and loads the default data files. The printer restarts.

**Note:** All data files are deleted when you press **Factory Reset** *and they cannot be recovered*. You cannot select a specific file to delete.

# LABEL FORMATS

This appendix shows a sample of each label format.

**Note:** If an asterisk (\*) prints after the time or date, the label was reprinted using the original expiration time or date. See “Setting the Manager Options” for more information.

## Format 1

Prints 1.2” wide x 1.1” long labels.

```

Description 1
Description 2
Description 3
  PREP      EMPL

MM/DD/YY   HH:MM:PM
MUST USE BY
HH:MM:PM
MM/DD/YY
  
```

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

**Note:** The employee ID number does not print if Employee Login is not enabled.

## Format 2

Prints 2.2” wide x 1.1” long labels.

```

Description 1
Description 2
PREP
MM/DD/YY   HH:MM:PM
MUST USE BY
HH:MM:PM
MM/DD/YY      EMPL
  
```

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 35 characters.
<i>Description 2</i>	Prints up to 35 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

**Note:** The employee ID number does not print if Employee Login is not enabled.

## Format 3

---

Prints 2.2" wide x 1.5" long labels.

Description 1	
Description 2	
PREP	PREP
<b>MM/DD/YY</b>	<b>HH:MM:PM</b>
MUST USE BY	MUST USE BY
<b>HH:MM:PM</b>	<b>MM/DD/YY</b>
EMPL	

Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 25 characters.
<i>Description 2</i>	Prints up to 25 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

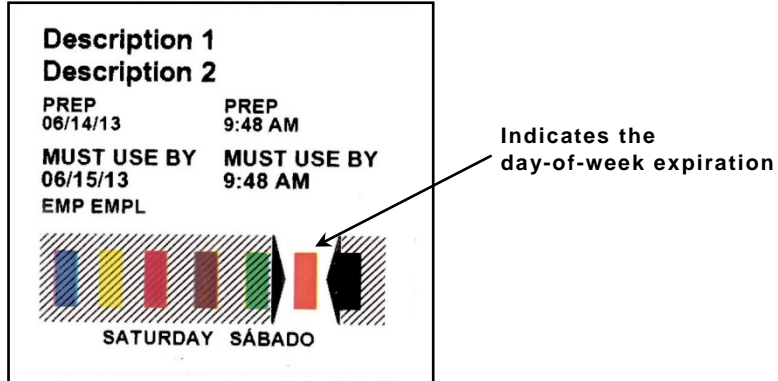
**Note:** The employee ID number does not print if Employee Login is not enabled.



## Format 4

Prints 2.2" wide x 2.0" long labels.

**Note:** Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.



Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 15 characters.
<i>Description 2</i>	Prints up to 15 characters
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

**Note:** The employee ID number does not print if Employee Login is not enabled.

## Format 5

---

Prints 2.2" wide by 3.0" long labels.

<b>DAY OF WEEK (English)</b> <b>DAY OF WEEK (Spanish)</b>
ITEM: Description 1
SHELF LIFE: Shelf Life
PREP MM/DD/YY    HH:MM:PM
<b>MUST USE BY</b> <b>MM/DD/YY    HH:MM:PM</b>
EMPLOYEE: EMPL

Enter the following information for each field:

Field	Description
<i>Description</i>	Prints up to 16 characters.
<i>Shelf Life</i>	Prints up to 13 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.

**Note:** The employee ID number does not print if Employee Login is not enabled.

## Format 6

Prints 2.2" wide x 4.0" long labels.

<b>Store Name</b>
<b>Description 1</b>
<b>Description 2</b>
<b>Description 3</b>
<b>INGREDIENTS:</b> Lorem ipsum dolor sit amet, ignota impedit vix id, id graece contentiones vix. Mea brute equidem definitiones an, at solet legendos nam. Usu oratio laboramus ex, sonet nullam invidunt ad per. Ex nam sale rationibus, eu omnes corrumpit voluptatibus eum, cu tota appellantur quo. Ea invidunt perfecto est, id eam causae inimicus. At eos consequat comprehensam. No ius natum intellegam consequuntur, usu facer albugius recusabo ut, mei inermis fastidii luptatum ad. Te quod cotidieque nam.
<b>MUST USE BY 06/15/13</b> <b>Net Weight 12 oz      Price \$0.00</b>

Enter the following information for each field:

Field	Description
<i>Store Name</i>	Prints up to 17 characters.
<i>Description 1</i>	Prints up to 23 characters.
<i>Description 2</i>	Prints up to 23 characters.
<i>Description 3</i>	Prints up to 23 characters.
<i>Ingredients</i>	Prints up to 875 characters. <b>Note:</b> Does not print semicolons or returns.
<i>Must Use By</i>	Prints the date in MM/DD/YY format.
<i>Net Weight</i>	Prints up to 8 characters.
<i>Price</i>	Prints up to 7 characters: numbers 0-9, period and dollar, cents, Euro, pound, and yen signs only.

## Format 7

Prints 2.2" wide x 3.0" long labels.

Description 1	
Nutrition Facts	
Serving Size	
Serving Per Container	
Amount Per Serving	
Calories	Calories from Fat
	% Daily Value *
Total Fat	%
Saturated Fat	%
Trans Fat	
Cholesterol	%
Sodium	%
Total Carbohydrate	%
Dietary Fiber	%
Sugars	
Protein	
Vitamin A %	Vitamin C %
Calcium %	Iron %
* Percent Daily Values are based on a 2,000 calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.	

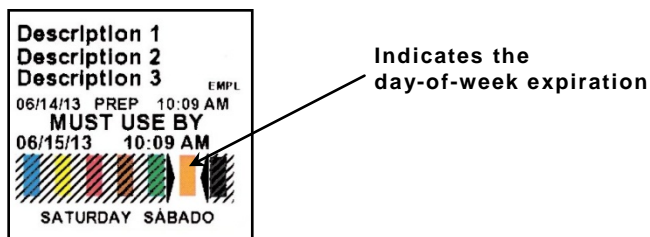
Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 23 characters.
<i>Serving Size</i>	Prints up to 25 characters.
<i>Servings Per Container</i>	Prints up to 10 characters.
<i>Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Fat Calories</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Fat (g &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Saturated Fat (g &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Trans Fat</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Cholesterol (mg &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sodium (mg &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Total Carbs (g &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Dietary Fiber (g &amp; %)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Sugars (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Protein (g)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin A (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Vitamin C (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Iron (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.
<i>Calcium (%)</i>	Prints up to 6 characters: numbers 0-9 and period only.

## Format 8

Prints 1.2" wide x 1.1" long labels.

**Note:** Arrows point to the block that corresponds to the day-of-week expiration date while diagonal lines print through the color-coded boxes that do not apply.



Enter the following information for each field:

Field	Description
<i>Description 1</i>	Prints up to 17 characters.
<i>Description 2</i>	Prints up to 17 characters.
<i>Description 3</i>	Prints up to 17 characters.
<i>EMPL</i>	Employee ID must be 2-10 characters.
<i>Must Use By</i>	Numbers only. Days 0-365, hours 0-23, minutes 0-59.
<i>Blue</i>	Use by Monday.
<i>Yellow</i>	Use by Tuesday.
<i>Red</i>	Use by Wednesday.
<i>Brown</i>	Use by Thursday.
<i>Green</i>	Use by Friday.
<i>Orange</i>	Use by Saturday.
<i>Black</i>	Use by Sunday.

**Note:** The employee ID number does not print if Employee Login is not enabled.

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